

Podklady na určenie atribútov výstupov			
IV.17 Zoznam výstupov predložených na hodnotenie			
IV.17.1 Za akademických zamestnancov vo funkcii profesora			
Poradové číslo, meno a priezvisko zamestnanca vo funkcii profesora a podrobná informácia o výstupe	Rok vydania	Prepočítaný počet	Návrh kategórie
<p>1 Anna Križanová, <i>mim. prof. doc. Ing. CSc.</i>  <i>The passenger satisfaction survey in the regional integrated public transport system [Prieskum spokojnosti cestujúcich v integrovanom dopravnom systéme] / Martina Valášková, Anna Križanová. In: Promet - Traffic &amp; Transportation : scientific journal on traffic and transportation research. - ISSN 0353-5320. - Vol. 20, no. 6 (2008), p. 401-404.</i></p> <p><i>[Gogolová Martina (50%) - Križanová Anna (50%)]</i>  Článok v časopise evidovanom v medzinárodnej profesijnej databáze WOS alebo Scopus ako špičková medzinárodná kvalita  IF:0,3 SJR:0,202 SNIP: 0,605</p>	2008	0,5	A
<p>2 Anna Križanová, <i>mim. prof. doc. Ing. CSc.</i>  <i>Obecny pozycja i perspektywy zintegrowanego systemu transportu w Republice Słowackiej = The current position and perspectives of the integrated transport systems in Slovak Republic [Súčasnosc' a perspektiva integrovaných dopravných systémov v SR]. In: Eksploatacja i Niezawodność = Maintenance and Reliability. - ISSN 1507-2711. - Nr. 4 (40) (2008), p. 25-27.</i></p> <p><i>[Križanová Anna (100%)]</i>  Článok v časopise evidovanom v medzinárodnej profesijnej databáze WOS alebo Scopus ako špičková medzinárodná kvalita  IF:0,293 SJR:0,215 SNIP: 0,601</p>	2008	1	A
<p>3 Tatiana Čorejová, <i>prof. Ing. PhD.</i>  <i>Integracja na rynku usług pocztowych = Convergence at the postal market [Integrácia na trhu poštových služieb] / Tatiana Čorejová, Emília Imrišková. In: Eksploatacja i Niezawodność = Maintenance and reliability. - ISSN 1507-2711. - Nr. 3 (39) 2008, p. 74-76.</i></p> <p><i>[Čorejová Tatiana (50%) - Imrišková Emília, vyd. Madudová (50%)]</i>  Článok v časopise evidovanom v medzinárodnej profesijnej databáze WOS alebo Scopus ako špičková medzinárodná kvalita  IF:0,293 SJR:0,215 SNIP: 0,601</p>	2008	0,5	A
<p>4 Vojtech Bálint, <i>mim. prof., doc. RNDr. CSc.</i>  <i>On the maximum number of points at least one unit away from each other in the unit n-cube [O maximálnom počte bodov vo vzájomnej vzdialenosti aspoň 1 v jednotkovej n-kocke] / Vojtech Bálint and Vojtech Bálint jr. In: Periodica Mathematica Hungarica. - ISSN 0031-5303. - Vol. 57, no. 1 (2008), p. 83-91.</i></p> <p><i>[Bálint Vojtech (50%) - Bálint Vojtech jr. (50%)]</i>  Článok v časopise evidovanom v medzinárodnej profesijnej databáze WOS alebo Scopus ako špičková medzinárodná kvalita  IF: 0,2895 SJR: 0,286 SNIP: 0,494</p>	2008	1	A
<p>5 Jana Štofková, <i>prof. Ing. PhD.</i>  <i>Implementation of the knowledge management as a competitive advantage [Implementácia znalostného manažmentu ako konkurenčná výhoda] / Katarína Štofková, Jana Štofková. In: EDULEARN10 [elektronický zdroj] : international conference on education and new learning technologies : Barcelona (Spain) - 5th-7th July, 2010 : conference proceedings. - [S.l.] : International Association of Technology, Education and Development (IATED), 2010. - ISBN 978-84-613-9386-2. - S. 001323-001328</i></p>	2010	0,5	A

<p>[Štofková Katarína (50%) - Štofková Jana (50%)]          Článok v zborníku svetového kongresu/konferencie vydanom v renomovanom zahraničnom vydavateľstve (evidované vo WOS)</p>			
<p>6 Jana Štofková, prof. Ing. PhD.          Research of strategic management utilization for support of education activities and regions development [Výskum využitia strategického manažmentu pre podporu vzdelávacích aktivít a regionálneho rozvoja] / Katarína Štofková, Jana Štofková.          In: EDULEARN11 [elektronický zdroj] : 3rd international conference on education and new learning technologies : Barcelona (Spain) - 4th-6th July, 2011 : conference proceedings. - Valencia: IATED, 2011. - ISBN 978-84-615-0441-1. - S. 5036-5040.</p> <p>[Štofková Katarína (50%) - Štofková Jana (50%)]          Článok v zborníku svetového kongresu/konferencie vydanom v renomovanom zahraničnom vydavateľstve (evidované vo WOS)</p>	2011	0,5	A
<p>7 Vojtech Bálint, mim. prof., doc. RNDr. CSc.          Placing of points into the 5-dimensional unit cube [Rozmiestnenie bodov do 5-rozmernej jednotkovej kocky] / Vojtech Bálint and Vojtech Bálint jr.          In: Periodica Mathematica Hungarica. - ISSN 0031-5303. - Vol. 65, no. 1 (2012), s. 1-16.</p> <p>[Bálint Vojtech (50%) - Bálint Vojtech jr. (50%)]          Článok v časopise evidovanom v medzinárodnej profesijnej databáze WOS alebo Scopus ako špičková medzinárodná kvalita          IF: 0,2895 SJR: 0,286 SNIP: 0,494</p>	2012	1	A
<p>8 Tatiana Čorejová, prof. Ing. PhD.          Knowledge biography - tool for researching the knowledge dynamics [Biografia znalostí - nástroj na skúmanie dynamiky znalostí] / Tatiana Čorejová, Mária Rostášová, Alena Chrenková.          In: Educon 2012 : collaborative learning &amp; new pedagogic approaches in engineering education : international conference : Marrakech - Morocco, 17-20 April 2012. - [S.l.] : IEEE, 2012. - ISBN 978-4673-1455-8. - ISSN 2165-9559. - S. 221-227.</p> <p>[Čorejová Tatiana (33%) - Rostášová Mária (34%) - Chrenková Alena (33%)]          Článok v zborníku svetového kongresu/konferencie vydanom v renomovanom zahraničnom vydavateľstve (evidované vo SCOPUS)</p>	2012	0,33	A
<p>9 Anna Križanová, prof. Ing. CSc.          The proposal of activities of pricing policy in the process of building and managing brand value in Slovak Republic [Návrh aktivít cenovej politiky v procese budovania a riadenia hodnoty značky v Slovenskej republike] / Križanová, Majerová. In: ICIBET 2013 : 2013 international conference on information, business and education technology : March 14-15, 2013, Beijing, China. - [Amsterdam] : Atlantis Press, 2013. - ISBN 978-90-78677-56-7. - S. 416-419.</p> <p>[Križanová Anna (50%) - Majerová Jana (50%)]          Článok v zborníku svetového kongresu/konferencie vydanom v renomovanom zahraničnom vydavateľstve (evidované vo WOS)</p>	2013	0,5	A
<p>10 Anna Križanová, prof. Ing. CSc.          Green marketing as a tool of achieving competitive advantage in automotive transport [Green marketing ako nástroj dosahovania konkurenčnej výhody v cestnej doprave] / A. Križanová, J. Majerová, K. Zvaríková. In: Transport means 2013 : proceedings of the 17th international conference : October 24-25, 2013, Kaunas University of Technology, Lithuania. - ISSN 1822-296X. - Kaunas: Kaunas University of</p>	2013	0,34	A

Technology, 2013. - S. 45-48.			
[Križanová Anna (34%) - Majerová Jana (33%) - Zvaríková Katarína (33%)] Článok v zborníku svetového kongresu/konferencie vydanom v renomovanom zahraničnom vydavateľstve (evidované vo WOS a SCOPUS)			
IV.17.2 Ostatné výstupy			
Poradové číslo a podrobná informácia o výstupe	Rok vydania	Prepočítaný počet	Návrh kategórie
1 Alžbeta Bielíková, doc. Ing. PhD. Corporate culture - the way of increasing the work quality in transport organization [Podniková kultúra - cesta zvyšovania kvality práce dopravného podniku] / Alžbeta Bielíková. In: Promet - Traffic & Transportation : scientific journal on traffic and transportation research. - ISSN 0353-5320. - Vol. 20, no. 1 (2008), p. 43-45.  [Alžbeta Bielíková (100%)] Článok v časopise evidovanom v medzinárodnej profesijnej databáze WOS alebo Scopus ako špičková medzinárodná kvalita IF:0,3 SJR:0,202 SNIP: 0,605	2008	1	A
2 Martina Gogolová, Ing. PhD. The passenger satisfaction survey in the regional integrated public transport system [Prieskum spokojnosti cestujúcich v integrovanom dopravnom systéme] / Martina Valášková, Anna Križanová. In: Promet - Traffic & Transportation : scientific journal on traffic and transportation research. - ISSN 0353-5320. - Vol. 20, no. 6 (2008), p. 401-404.  [Gogolová Martina (50%) - Križanová Anna (50%)] Článok v časopise evidovanom v medzinárodnej profesijnej databáze WOS alebo Scopus ako špičková medzinárodná kvalita IF:0,3 SJR:0,202 SNIP: 0,605	2008	0,5	A
3 Emília Madudová, Ing. PhD. Integracja na rynku usług pocztowych = Convergence at the postal market [Integrácia na trhu poštových služieb] / Tatiana Čorejová, Emília Imrišková. In: Eksploatacja i Niezawodność = Maintenance and reliability. - ISSN 1507-2711. - Nr. 3 (39) 2008, p. 74-76.  [Čorejová Tatiana (50%) - Imrišková Emília, vyd. Madudová (50%)] Článok v časopise evidovanom v medzinárodnej profesijnej databáze WOS alebo Scopus ako špičková medzinárodná kvalita IF:0,293 SJR:0,215 SNIP: 0,601	2008	0,5	A
4 Tomáš Klieštík, doc. Ing. PhD. Kvantifikácia efektivity činností dopravných podnikov pomocou data envelopment analysis / Tomáš Klieštík. In: Ekonomie a management = Economics and management : vědecký ekonomický časopis. - ISSN 1212-3609. - Roč. 12, č. 1 (2009), s. 133-145.  [Klieštík Tomáš (100%)] Článok v časopise evidovanom v medzinárodnej profesijnej databáze WOS alebo Scopus ako špičková medzinárodná kvalita IF:0,633 SJR:0,295 SNIP: 0,687	2009	1	A
5 Danuše Guttenová, Mgr. PhD. Matematika v investičnom rozhodovaní / Danuše Guttenová a Mária Vojteková. In: 6. konference o matematice a fyzice na vysokých školách technických : s mezinárodní účastí : sborník příspěvků : Brno, 10. září 2009. - Brno:	2009	0,5	A

Univerzita obrany, 2009. - ISBN 978-80-7231-667-0. - S. 101-106.  [Guttenová Danuše (50%) - Vojteková Mária (50%)] Článok v zborníku svetového kongresu/konferencie vydanom v renomovanom zahraničnom vydavateľstve (evidované vo WOS)			
6 Mária Vojteková, RNDr. PhD. Matematika v investičnom rozhodovaní / Danuše Guttenová a Mária Vojteková. In: 6. konference o matematice a fyzice na vysokých školách technických : s mezinárodní účastí : sborník příspěvků : Brno, 10. září 2009. - Brno: Univerzita obrany, 2009. - ISBN 978-80-7231-667-0. - S. 101-106.  [Guttenová Danuše (50%) - Vojteková Mária (50%)] Článok v zborníku svetového kongresu/konferencie vydanom v renomovanom zahraničnom vydavateľstve (evidované vo WOS)	2009	0,5	A
7 Alena Chrenková, Ing. PhD. Results of the analysis carried out in order to choose appropriate location of the regional offices of the Slovak national centre for human rights [Výsledky analýzy realizovanej za účelom výberu vhodnej lokality pre zriadenie regionálnych kancelárií Slovenského národného strediska pre ľudské práva] / Mária Rostášová, Alena Chrenková. In: 3rd Central European conference in regional science [elektronický zdroj] : October 7th-9th, 2009, Košice, Slovak Republic : conference proceeding. - Košice: Technical University, 2009. - ISBN 978-80-553-0329-1. - S. 725-730.  [Rostášová Mária (50%) - Chrenková Alena (50%)] Článok v zborníku svetového kongresu/konferencie vydanom v renomovanom zahraničnom vydavateľstve (evidované vo WOS)	2009	0,5	A
8 Alena Chrenková, Ing. PhD. The knowledge society brings growth in living standards [Znalostná spoločnosť prináša rast životnej úrovne] / Tomáš Potkan, Alena Chrenková. In: 3rd Central European conference in regional science [elektronický zdroj] : October 7th-9th, 2009, Košice, Slovak Republic : conference proceeding. - Košice: Technical University, 2009. - ISBN 978-80-553-0329-1. - S. 1243-1248.  [Potkan Tomáš (50%) - Chrenková Alena (50%)] Článok v zborníku svetového kongresu/konferencie vydanom v renomovanom zahraničnom vydavateľstve (evidované vo WOS)	2009	0,5	A
9 Emília Madudová, Ing. PhD. Diffusion processes in the knowledge economy in terms of theoretical approaches [Teoretické prístupy k difúznym procesom v znalostnej ekonomike] / Emília Imrišková, Zuzana Mravcová. In: 3rd Central European conference in regional science [elektronický zdroj] : October 7th-9th, 2009, Košice, Slovak Republic : conference proceeding. - Košice: Technical University, 2009. - ISBN 978-80-553-0329-1. - S. 1078-1082.  [Imrišková Emília, vyd. Madudová (50%) - Mravcová Zuzana (50%)] Článok v zborníku svetového kongresu/konferencie vydanom v renomovanom zahraničnom vydavateľstve (evidované vo WOS)	2009	0,5	A
10 Alena Chrenková, Ing. PhD. Stratégie pre implementáciu inovácií v poštovom sektore = Strategies for implementation of innovations in the postal sector / Alena Chrenková. In: Hradecké ekonomické dny 2010 : ekonomický rozvoj a management regionů : vědecká konference, Hradec Králové 2. a 3. února 2010 : sborník příspěvků. - Hradec Králové: Gaudeamus, 2010. - ISBN 978-80-7435-041-2. - S. 121-124.	2010	1	A



<p><b>[Chrenková Alena (100%)]</b>  Článok v zborníku svetového kongresu/konferencie vydanom v renomovanom zahraničnom vydavateľstve (evidované vo WOS)</p>			
<p>11 Katarína Štofková, Ing. PhD.  Implementation of the knowledge management as a competitive advantage [Implementácia znalostného manažmentu ako konkurenčná výhoda] / Katarína Štofková, Jana Štofková.  In: EDULEARN10 [elektronický zdroj] : international conference on education and new learning technologies : Barcelona (Spain) - 5th-7th July, 2010 : conference proceedings. - [S.l.] : International Association of Technology, Education and Development (IATED), 2010. - ISBN 978-84-613-9386-2. - S. 001323-001328.</p> <p><b>[Štofková Katarína (50%) - Štofková Jana (50%)]</b>  Článok v zborníku svetového kongresu/konferencie vydanom v renomovanom zahraničnom vydavateľstve (evidované vo WOS)</p>	2010	0,5	A
<p>12 Anna Tomová, doc. Ing. PhD.  Future strategies for airports [Budúce stratégie pre letiská] / B. Badanik ... [et al.].  In: ICAS 2010 - 27th congress of international council of the aeronautical sciences [elektronický zdroj] : 19-24 September 2010, Nice, France. - 2010. - [10] s. - Popis urobený 17.3.2011.  [Spoluautori: Laplace, I. ; Lenoir, N. ; Malavolti, E. ; Tomová, Anna ; Kazda, Antonín ]</p> <p>[Laplace, I. (15%) - Lenoir, N. (15%) - Malavolti, E. (10%) - Kazda Antonín (20%) - Badánik Benedikt (20%) - <b>Tomová Anna (20%)</b>]  Článok v zborníku svetového kongresu/konferencie vydanom v renomovanom zahraničnom vydavateľstve (evidované vo SCOPUS)</p>	2010	0,33	A
<p>13 Katarína Štofková, Ing. PhD.  Research of strategic management utilization for support of education activities and regions development [Výskum využitia strategického manažmentu pre podporu vzdelávacích aktivít a regionálneho rozvoja] / Katarína Štofková, Jana Štofková.  In: EDULEARN11 [elektronický zdroj] : 3rd international conference on education and new learning technologies : Barcelona (Spain) - 4th-6th July, 2011 : conference proceedings. - Valencia: IATED, 2011. - ISBN 978-84-615-0441-1. - S. 5036-5040.</p> <p><b>[Štofková Katarína (50%) - Štofková Jana (50%)]</b>  Článok v zborníku svetového kongresu/konferencie vydanom v renomovanom zahraničnom vydavateľstve (evidované vo WOS)</p>	2011	0,5	A
<p>14 Oľga Blažeková, RNDr. PhD.  Výpočet rizikovej prirážky k úrokovej sadzbe = Calculation of risk margin of interest rate / Oľga Blažeková, Mária Vojteková.  In: Znalosti pro tržní praxi 2012 = Knowledge for market use 2012 : význam znalostí v aktuální fázi ekonomického cyklu : sborník z mezinárodní vědecké konference : 6.-7. září 2012 v Olomouci. - Olomouc: Societas Scientiarum Olomucensis II, 2012. - ISBN 978-80-87533-04-8. - S. 9-14.</p> <p><b>[Blažeková Oľga (50%) - Vojteková Mária (50%)]</b>  Článok v zborníku svetového kongresu/konferencie vydanom v renomovanom zahraničnom vydavateľstve (evidované vo WOS)</p>	2012	0,5	A
<p>15 Oľga Blažeková, RNDr. PhD.  Aplikácia Markovovských reťazcov vo faktoringu = Application of markov chains in factoring / Mária Vojteková, Oľga Blažeková.  In: Znalosti pro tržní praxi 2012 = Knowledge for market use 2012 : význam znalostí v aktuální fázi ekonomického cyklu : sborník z mezinárodní vědecké konference : 6.-7. září 2012 v Olomouci. - Olomouc: Societas Scientiarum Olomucensis II, 2012. - ISBN 978-80-87533-04-8. - S. 410-</p>	2012	0,5	A

415. [Vojteková Mária (50%) - <b>Blažeková Ol'ga (50%)</b> ] Článok v zborníku svetového kongresu/konferencie vydanom v renomovanom zahraničnom vydavateľstve (evidované vo WOS)			
16 Marek Ďurica, RNDr. PhD. <i>Delta and Gamma parameter of the Black model of the futures option pricing = Parametre delta a gamma Blackovho modelu oceňovania futures opcií / Marek Ďurica, Lucia Švábová.</i> In: <i>Managing and modelling of financial risks : 6th international scientific conference : 10th-11th September 2012 Ostrava, Czech Republic : proceedings.</i> - Ostrava: VSB - Technical University, 2012. - ISBN 978-80-248-2835-0. - S. 125-132.  [ <b>Ďurica Marek (50%) - Švábová Lucia (50%)</b> ] Článok v zborníku svetového kongresu/konferencie vydanom v renomovanom zahraničnom vydavateľstve (evidované vo WOS)	2012	0,5	A
17 Marek Ďurica, RNDr. PhD. <i>Asian option pricing = Oceňovanie ázijských opcií / Lucia Švábová, Marek Ďurica.</i> In: <i>Managing and modelling of financial risks : 6th international scientific conference : 10th-11th September 2012 Ostrava, Czech Republic : proceedings.</i> - Ostrava: VSB - Technical University, 2012. - ISBN 978-80-248-2835-0. - S. 600-609.  [ <b>Švábová Lucia (50%) - Ďurica Marek (50%)</b> ] Článok v zborníku svetového kongresu/konferencie vydanom v renomovanom zahraničnom vydavateľstve (evidované vo WOS)	2012	0,5	A
18 Lucia Švábová, RNDr. <i>Delta and Gamma parameter of the Black model of the futures option pricing = Parametre delta a gamma Blackovho modelu oceňovania futures opcií / Marek Ďurica, Lucia Švábová.</i> In: <i>Managing and modelling of financial risks : 6th international scientific conference : 10th-11th September 2012 Ostrava, Czech Republic : proceedings.</i> - Ostrava: VSB - Technical University, 2012. - ISBN 978-80-248-2835-0. - S. 125-132.  [ <b>Ďurica Marek (50%) - Švábová Lucia (50%)</b> ] Článok v zborníku svetového kongresu/konferencie vydanom v renomovanom zahraničnom vydavateľstve (evidované vo WOS)	2012	0,5	A
19 Lucia Švábová, RNDr. <i>Asian option pricing = Oceňovanie ázijských opcií / Lucia Švábová, Marek Ďurica.</i> In: <i>Managing and modelling of financial risks : 6th international scientific conference : 10th-11th September 2012 Ostrava, Czech Republic : proceedings.</i> - Ostrava: VSB - Technical University, 2012. - ISBN 978-80-248-2835-0. - S. 600-609.  [ <b>Švábová Lucia (50%) - Ďurica Marek (50%)</b> ] Článok v zborníku svetového kongresu/konferencie vydanom v renomovanom zahraničnom vydavateľstve (evidované vo WOS)	2012	0,5	A
20 Mária Vojteková, RNDr. PhD. <i>Výpočet rizikovej prirážky k úrokovej sadzbe = Calculation of risk margin of interest rate / Ol'ga Blažeková, Mária Vojteková.</i> In: <i>Znalosti pro tržní praxi 2012 = Knowledge for market use 2012 : význam znalostí v aktuální fázi ekonomického cyklu : sborník z mezinárodní vědecké konference : 6.-7. září 2012 v Olomouci.</i> - Olomouc: Societas Scientiarum Olomucensis II, 2012. - ISBN 978-80-87533-04-8. - S. 9-14.  [ <b>Blažeková Ol'ga (50%) - Vojteková Mária (50%)</b> ]	2012	0,5	A

Článok v zborníku svetového kongresu/konferencie vydanom v renomovanom zahraničnom vydavateľstve (evidované vo WOS)			
<p>21 Mária Vojteková, RNDr. PhD.  <i>Aplikácia Markovovských reťazcov vo faktoringu = Application of markov chains in factoring</i> / Mária Vojteková, Oľga Blažeková.  In: <i>Znalosti pro tržní praxi 2012 = Knowledge for market use 2012 : význam znalostí v aktuální fázi ekonomického cyklu : sborník z mezinárodní vědecké konference : 6.-7. září 2012 v Olomouci. - Olomouc: Societas Scientiarum Olomucensis II, 2012. - ISBN 978-80-87533-04-8. - S. 410-415.</i></p> <p><b>[Vojteková Mária (50%) - Blažeková Oľga (50%)]</b>  Článok v zborníku svetového kongresu/konferencie vydanom v renomovanom zahraničnom vydavateľstve (evidované vo WOS)</p>	2012	0,5	A
<p>22 Alena Chrenková, Ing. PhD.  <i>Knowledge biography - tool for researching the knowledge dynamics [Biografia znalostí - nástroj na skúmanie dynamiky znalostí]</i> / Tatiana Čorejová, Mária Rostášová, Alena Chrenková.  In: <i>Educon 2012 : collaborative learning &amp; new pedagogic approaches in engineering education : international conference : Marrakech - Morocco, 17-20 April 2012. - [S.l.]: IEEE, 2012. - ISBN 978-4673-1455-8. - ISSN 2165-9559. - S. 221-227.</i></p> <p><b>[Čorejová Tatiana (33%) - Rostášová Mária (34%) - Chrenková Alena (33%)]</b>  Článok v zborníku svetového kongresu/konferencie vydanom v renomovanom zahraničnom vydavateľstve (evidované vo SCOPUS)</p>	2012	0,33	A
<p>23 Miriam Jankalová, doc. Ing. PhD.  <i>Business Excellence evaluation as the reaction on changes in global business environment</i> / Miriam Jankalová.  In: <i>Procedia - social and behavioral sciences. - ISSN 1877-0428. - Vol. 62 (24 October 2012), s. 1056-1060.</i>  Poznámka: Príspevok je registrovaný v databáze Web of Science.</p> <p><b>[Jankalová Miriam (100%)]</b>  Článok v zborníku svetového kongresu/konferencie vydanom v renomovanom zahraničnom vydavateľstve (evidované vo WOS)</p>	2012	1	A
<p>24 Tomáš Klieštík, doc. Ing. PhD.  <i>Quantification of equity and debt capital costs in the specific conditions of transport enterprises [Kvantifikácia nákladov vlastného a cudzieho kapitálu v podmienkach dopravných podnikov]</i> / K. Lehutová, A. Križanová, T. Klieštík. In: <i>Transport means 2013 : proceedings of the 17th international conference : October 24-25, 2013, Kaunas University of Technology, Lithuania. - ISSN 1822-296X. - Kaunas: Kaunas University of Technology, 2013. - S. 258-261.</i></p> <p><b>[Valášková Katarína (33%) - Križanová Anna (33%) - Klieštík Tomáš (34%)]</b>  Článok v zborníku svetového kongresu/konferencie vydanom v renomovanom zahraničnom vydavateľstve (evidované vo WOS a SCOPUS)</p>	2013	0,34	A
<p>25 Tomáš Klieštík, doc. Ing. PhD.  <i>Optimization of transport routes based on graph theory as a part of Intelligent transport systems [Optimalizácia dopravných trás na báze teórie grafov v Inteligentnom dopravnom systéme]</i> / T. Klieštík. In: <i>Transport means 2013 : proceedings of the 17th international conference : October 24-25, 2013, Kaunas University of Technology, Lithuania. - ISSN 1822-296X. - Kaunas: Kaunas University of Technology, 2013. - S. 308-311.</i></p> <p><b>[Klieštík Tomáš (100%)]</b></p>	2013	1	A

Článok v zborníku svetového kongresu/konferencie vydanom v renomovanom zahraničnom vydavateľstve (evidované vo WOS a SCOPUS)			
<p>26 Tomáš Klieštík, doc. Ing. PhD.  <i>Description and quantification of risks of Intelligent transport systems [Deskripcia a kvantifikácia rizika v Inteligentnom dopravnom systéme] / D. Buc, T. Klieštík, A. Križanová. In: Transport means 2013 : proceedings of the 17th international conference : October 24-25, 2013, Kaunas University of Technology, Lithuania. - ISSN 1822-296X. - Kaunas: Kaunas University of Technology, 2013. - S. 181-184.</i></p> <p>[Buc Daniel (33%) - <b>Klieštík Tomáš (34%)</b> - Križanová Anna (33%)]          Článok v zborníku svetového kongresu/konferencie vydanom v renomovanom zahraničnom vydavateľstve (evidované vo WOS a SCOPUS)</p>	2013	0,34	A
<p>27 Martina Gogolová, Ing. PhD.  <i>Evaluation of the quality service criterions of public transport [Hodnotenie kritérií kvality služieb vo verejnej doprave] / M. Gogolová, O. Poniščiaková. In: Transport means 2013 : proceedings of the 17th international conference : October 24-25, 2013, Kaunas University of Technology, Lithuania. - ISSN 1822-296X. - Kaunas: Kaunas University of Technology, 2013. - S. 322-325.</i></p> <p>[<b>Gogolová Martina (50%)</b> - Poniščiaková Oľga (50%)]          Článok v zborníku svetového kongresu/konferencie vydanom v renomovanom zahraničnom vydavateľstve (evidované vo WOS a SCOPUS)</p>	2013	0,5	A
<p>28 Martina Gogolová, Ing. PhD.  <i>The impact of brand on the choice of employer in the field of automotive transport in Slovak Republic [Vplyv značky na výber zamestnávateľa v oblasti automobilovej dopravy v Slovenskej republike] / M. Gogolová, J. Majerová. In: Transport means 2013 : proceedings of the 17th international conference : October 24-25, 2013, Kaunas University of Technology, Lithuania. - ISSN 1822-296X. - Kaunas: Kaunas University of Technology, 2013. - S. 33-36.</i></p> <p>[<b>Gogolová Martina (50%)</b> - Majerová Jana (50%)]          Článok v zborníku svetového kongresu/konferencie vydanom v renomovanom zahraničnom vydavateľstve (evidované vo WOS a SCOPUS)</p>	2013	0,5	A
<p>29 Peter Majerčák, Ing. PhD.  <i>Measuring the openness of the transport market through the rail liberalization index / P. Majerčák, E. Majerčáková. In: Transport means 2013 : proceedings of the 17th international conference : October 24-25, 2013, Kaunas University of Technology, Lithuania. - ISSN 1822-296X. - Kaunas: Kaunas University of Technology, 2013. - S. 54-56.</i></p> <p>[<b>Majerčák Peter (50%)</b> - Majerčáková Eva (50%)]          Článok v zborníku svetového kongresu/konferencie vydanom v renomovanom zahraničnom vydavateľstve (evidované vo WOS a SCOPUS)</p>	2013	0,5	A
<p>30 Peter Majerčák, Ing. PhD.  <i>Internal audit compliance with environmental standards in railway company Cargo Slovakia / P. Majerčák, E. Majerčáková. In: Transport means 2013 : proceedings of the 17th international conference : October 24-25, 2013, Kaunas University of Technology, Lithuania. - ISSN 1822-296X. - Kaunas: Kaunas University of Technology, 2013. - S. 326-329.</i></p> <p>[<b>Majerčák Peter (50%)</b> - Majerčáková Eva (50%)]          Článok v zborníku svetového kongresu/konferencie vydanom</p>	2013	0,5	A

v renomovanom zahraničnom vydavateľstve (evidované vo WOS a SCOPUS)			
<p>31 Oľga Poniščiaková, Ing. PhD.  <i>Evaluation of the quality service criterions of public transport [Hodnotenie kritérií kvality služieb vo verejnej doprave] / M. Gogolová, O. Poniščiaková. In: Transport means 2013 : proceedings of the 17th international conference : October 24-25, 2013, Kaunas University of Technology, Lithuania. - ISSN 1822-296X. - Kaunas: Kaunas University of Technology, 2013. - S. 322-325.</i></p> <p>[Gogolová Martina (50%) - <b>Poniščiaková Oľga (50%)</b>]  Článok v zborníku svetového kongresu/konferencie vydanom v renomovanom zahraničnom vydavateľstve (evidované vo WOS a SCOPUS)</p>	2013	0,5	A
<p>32 Oľga Poniščiaková, Ing. PhD.  <i>Application of controlling in the management of transport companies [Aplikácia kontroľingu v manažmente dopravného podniku] / O. Poniščiaková, V. Šukalová. In: Transport means 2013 : proceedings of the 17th international conference : October 24-25, 2013, Kaunas University of Technology, Lithuania. - ISSN 1822-296X. - Kaunas: Kaunas University of Technology, 2013. - S. 106-109.</i></p> <p>[<b>Poniščiaková Oľga (50%)</b> - Šukalová Viera (50%)]  Článok v zborníku svetového kongresu/konferencie vydanom v renomovanom zahraničnom vydavateľstve (evidované vo WOS a SCOPUS)</p>	2013	0,5	A
<p>33 Viera Šukalová, Ing. PhD.  <i>Application of controlling in the management of transport companies [Aplikácia kontroľingu v manažmente dopravného podniku] / O. Poniščiaková, V. Šukalová. In: Transport means 2013 : proceedings of the 17th international conference : October 24-25, 2013, Kaunas University of Technology, Lithuania. - ISSN 1822-296X. - Kaunas: Kaunas University of Technology, 2013. - S. 106-109.</i></p> <p>[Poniščiaková Oľga (50%) - <b>Šukalová Viera (50%)</b>]  Článok v zborníku svetového kongresu/konferencie vydanom v renomovanom zahraničnom vydavateľstve (evidované vo WOS a SCOPUS)</p>	2013	0,5	A
<p>34 Margaréta Nadányiová, Ing. PhD.  <i>The possibility of introducing the CRM system in Railway Company Cargo Slovakia [Možnosti zavedenia CRM systému v Železničnej spoločnosti Cargo Slovakia] / M. Nadányiová. In: Transport means 2013 : proceedings of the 17th international conference : October 24-25, 2013, Kaunas University of Technology, Lithuania. - ISSN 1822-296X. - Kaunas: Kaunas University of Technology, 2013. - S. 87-92.</i></p> <p>[<b>Nadányiová Margaréta (100%)</b>]  Článok v zborníku svetového kongresu/konferencie vydanom v renomovanom zahraničnom vydavateľstve (evidované vo WOS a SCOPUS)</p>	2013	1	A
<p>35 Miriam Jankalová, doc. Ing. PhD.  <i>Conceptions based on definition of business factors of successfulness for the support of reaching the excellence of enterprise subjects [Koncepcie založené na definovaní faktorov úspešnosti ako podpora dosiahnutia podnikateľskej úspešnosti] / Miriam Jankalová. In: Procedia - social and behavioral sciences [elektronický zdroj]. - ISSN 1877-0428. - 2013. - Vol. 81 (28 June 2013), online, s. 531-535. - Spôsob prístupu: <a href="http://ac.els-cdn.com/S1877042813015395/1-s2.0-S1877042813015395-main.pdf?_tid=67fe7784-3196-11e3-92a8-00000aab0f27&amp;acdnat=1381400961_175bc9aa802e73702c3c6da459268a">http://ac.els-cdn.com/S1877042813015395/1-s2.0-S1877042813015395-main.pdf?_tid=67fe7784-3196-11e3-92a8-00000aab0f27&amp;acdnat=1381400961_175bc9aa802e73702c3c6da459268a</a></i></p>	2013	1	A

e3			
<p><b>[Jankalová Miriam (100%)]</b>  Článok v zborníku svetového kongresu/konferencie vydanom  v renomovanom zahraničnom vydavateľstve (evidované vo WOS)</p>			

## Record 1 of 1

**Title:** THE PASSENGER SATISFACTION SURVEY IN THE REGIONAL INTEGRATED PUBLIC TRANSPORT SYSTEM**Author(s):** Valaskova, M (Valaskova, Martina); Krizanova, A (Krizanova, Anna)**Source:** PROMET-TRAFFIC & TRANSPORTATION **Volume:** 20 **Issue:** 6 **Pages:** 401-404 **Published:** 2008**Times Cited in Web of Science Core Collection:** 4**Total Times Cited:** 4**Cited Reference Count:** 4

**Abstract:** This article describes the Quality criteria Method of the Services in the Integrated Public Transport System in Slovak Republic. The proposed method is based on the detailed list of the Quality criteria of the Services in Public Transport from the view of passengers. The criteria are determined based on the Slovak Technical Norm STN EN 138 16 which is related to quality of transport. The method has been applied in Regional Integrated Public Transport System of Zilina (ZRIDS) in the form of Passenger Quality Satisfaction Survey.

**Accession Number:** WOS:000262144500006**Language:** English**Document Type:** Review**Author Keywords:** quality criteria; matrix of SWOT analysis; survey; integrated public transport system; importance; satisfaction**Addresses:** [Valaskova, Martina; Krizanova, Anna] Univ Zilina, Fac Operat & Econ Transport & Commun, Dept Econ, Zilina 01026, Slovakia.**Reprint Address:** Valaskova, M (reprint author), Univ Zilina, Fac Operat & Econ Transport & Commun, Dept Econ, Univ 1, Zilina 01026, Slovakia.**E-mail Addresses:** martina.valaskova@fpedas.uniza.sk; anna.krizanova@fpedas.uniza.sk**Publisher:** SVENCILISTE U ZAGREBU, FAKULTET PROMETNIH ZNANOSTI**Publisher Address:** VUKELICEVA 4, ZAGREB, 10000, CROATIA**Web of Science Categories:** Transportation Science & Technology**Research Areas:** Transportation**IDS Number:** 390DM**ISSN:** 0353-5320**29-char Source Abbrev.:** PROMET**ISO Source Abbrev.:** Promet**Source Item Page Count:** 4

## Record 1 of 1

**Title:** THE CURRENT POSSITION AND PERSPECIVES OF THE INTEGRATED TRANSPORT SYSTEMS IN SLOVAK REPUBLIC**Author(s):** Krizanova, A (Krizanova, Anna)**Source:** EKSPLOATACJA I NIEZAWODNOSC-MAINTENANCE AND RELIABILITY **Issue:** 4 **Pages:** 25-27 **Published:** 2008**Times Cited in Web of Science Core Collection:** 4**Total Times Cited:** 4**Cited Reference Count:** 7**Abstract:** The paper deals with current state of integrated transport systems in the Slovak Republic (SR). There is an analysis of legislative framework of transport system (ITS), description of ITS attributes, advantages and disadvantages of ITS operating in SR in the paper. The paper also points out underlying technical conditions necessary for existence of ITS, which should be established in SR in order to increase the number of ITS projects in cities and regions in SR.**Accession Number:** WOS:000261484600005**Language:** English**Document Type:** Article**Author Keywords:** Public transport; Integrated transport systems**Addresses:** Univ Zilina, Fac Operat & Econ Transport & Commun, Dept Econ, Zilina 01026, Slovakia.**Reprint Address:** Krizanova, A (reprint author), Univ Zilina, Fac Operat & Econ Transport & Commun, Dept Econ, Univ 1, Zilina 01026, Slovakia.**E-mail Addresses:** anna.krizanova@fpedas.uniza.sk**Publisher:** POLISH MAINTENANCE SOC**Publisher Address:** REDAKCJA KWARTALNIKA EKSPLOATACJA & NIEZAWODNOSC, UL NADBYSTRZYCKA 36, LUBLIN, 20-618, POLAND**Web of Science Categories:** Engineering, Multidisciplinary**Research Areas:** Engineering**IDS Number:** 380SD**ISSN:** 1507-2711**29-char Source Abbrev.:** EKSPLOAT NIEZAWODN**ISO Source Abbrev.:** Eksploat. Niezawodn.**Source Item Page Count:** 3



## Record 1 of 1

**Title:** Convergence at the postal market**Author(s):** Corejova, T (Corejova, Tatiana); Imriskova, E (Imriskova, Emilia)**Source:** EKSPLOATACJA I NIEZAWODNOSC-MAINTENANCE AND RELIABILITY **Issue:** 3 **Pages:** 74-76 **Published:** 2008**Times Cited in Web of Science Core Collection:** 0**Total Times Cited:** 0**Cited Reference Count:** 10**Abstract:** The paper deals with impacts of technology change on the strategy of postal markets. It concentrates on the convergence of technology, services and creation of new forms of firm cooperation - vertical and horizontal alliances. The term "convergence" is defined in relation with technology, content, economic and institutional dimensions.**Accession Number:** WOS:000258276600010**Language:** English**Document Type:** Article**Author Keywords:** convergence; post; services; information technology; strategy; operator**Addresses:** [Corejova, Tatiana; Imriskova, Emilia] Univ Zilina, Dept Commun, Fac Operat & Econ Transport & Commun, Zilina 01026, Slovakia.**Reprint Address:** Corejova, T (reprint author), Univ Zilina, Dept Commun, Fac Operat & Econ Transport & Commun, Univ 1, Zilina 01026, Slovakia.**E-mail Addresses:** tatiana.corejova@fpedas.uniza.sk; emilia.imriskova@fpedas.uniza.sk**Author Identifiers:**

Author	ResearcherID Number	ORCID Number
Imriskova, Emilia	A-6482-2010	

**Publisher:** POLISH MAINTENANCE SOC**Publisher Address:** REDAKCJA KWARTALNIKA EKSPLOATACJA & NIEZAWODNOSC, UL NADBYSTRZYCKA 36, LUBLIN, 20-618, POLAND**Web of Science Categories:** Engineering, Multidisciplinary**Research Areas:** Engineering**IDS Number:** 335FQ**ISSN:** 1507-2711**29-char Source Abbrev.:** EKSPLOAT NIEZAWODN**ISO Source Abbrev.:** Eksploat. Niezawodn.**Source Item Page Count:** 3

## Record 1 of 1

**Title:** ON THE MAXIMUM NUMBER OF POINTS AT LEAST ONE UNIT AWAY FROM EACH OTHER IN THE UNIT  $n$ -CUBE**Author(s):** Balint, V (Balint, Vojtech); Balint, V (Balint, Vojtech, Jr.)**Source:** PERIODICA MATHEMATICA HUNGARICA **Volume:** 57 **Issue:** 1 **Pages:** 83-91 **DOI:** 10.1007/s10998-008-7083-2 **Published:** SEP 2008**Times Cited in Web of Science Core Collection:** 2**Total Times Cited:** 2**Cited Reference Count:** 11**Abstract:** We present a very short survey of known results and many new estimates and results on the maximum number of points that can be chosen in the  $n$ -dimensional unit cube so that every distance between them is at least 1.**Accession Number:** WOS:000261841000006**Language:** English**Document Type:** Article**Author Keywords:** packing; point; cube**Reprint Address:** Balint, V (reprint author), Univ 1, Zilina 01026, Slovakia.**E-mail Addresses:** vojto@centrum.sk; vojto@centrum.sk**Publisher:** AKADEMIAI KIADO RT**Publisher Address:** PRIELLE K U 19, PO BOX 245,, H-1117 BUDAPEST, HUNGARY**Web of Science Categories:** Mathematics, Applied; Mathematics**Research Areas:** Mathematics**IDS Number:** 385VF**ISSN:** 0031-5303**29-char Source Abbrev.:** PERIOD MATH HUNG**ISO Source Abbrev.:** Period. Math. Hung.**Source Item Page Count:** 9

Close

## Record 1 of 1

**Title:** IMPLEMENTATION OF THE KNOWLEDGE MANAGEMENT AS A COMPETITIVE ADVANTAGE**Author(s):** Stofkova, K (Stofkova, Katarina); Stofkova, J (Stofkova, Jana)**Edited by:** Chova LG; Belenguer DM; Torres IC**Source:** EDULEARN10: INTERNATIONAL CONFERENCE ON EDUCATION AND NEW LEARNING TECHNOLOGIES **Pages:** 1323-1328 **Published:** 2010**Times Cited in Web of Science Core Collection:** 0**Total Times Cited:** 0**Cited Reference Count:** 5

**Abstract:** Knowledge becomes a new strategic resource that often endangers an individual and his irretrievability. Implementation of knowledge management methods in the organisation meets often with braking influence of corporate culture and firm philosophy. Dissemination of knowledge management leads to the loss of firm competitiveness at the market by long innovation periods, production of uncompetitive products and in the end it leads to the loss of customer base and departure from company of key employees. The implementation of knowledge management is financially challenging and time-consuming matter with participation of specialists from various spheres. Effectiveness of the implementation of knowledge management assures systematic approach which determines sequence and contents of its certain phases. The paper deals with the state of knowledge management of organizations in Slovak republic, what knowledge organizations in these days consider as critical, what contributions in knowledge management are most needed.

**Accession Number:** WOS:000318781701052**Language:** English**Document Type:** Proceedings Paper**Conference Title:** 2nd International Conference on Education and New Learning Technologies (EDULEARN)**Conference Date:** JUL 05-07, 2010**Conference Location:** Barcelona, SPAIN**Author Keywords:** Knowledge; knowledge management; implementation**Addresses:** [Stofkova, Katarina; Stofkova, Jana] Univ Zilina, Fac Operat & Econ Transport & Commun, Zilina, Slovakia.**E-mail Addresses:** Katarina.Stofkova@fpedas.uniza.sk; Jana.Stofkova@fpedas.uniza.sk**Publisher:** IATED-INT ASSOC TECHNOLOGY EDUCATION A& DEVELOPMENT**Publisher Address:** LAURI VOLPI 6, VALENICA, BURJASSOT 46100, SPAIN**Web of Science Categories:** Education & Educational Research**Research Areas:** Education & Educational Research**IDS Number:** BEY96**ISBN:** 978-84-613-9386-2**Source Item Page Count:** 6

## Record 1 of 1

**Title:** RESEARCH OF STRATEGIC MANAGEMENT UTILIZATION FOR SUPPORT OF EDUCATION ACTIVITIES AND REGIONS DEVELOPMENT**Author(s):** Stofkova, K (Stofkova, Katarina); Stofkova, J (Stofkova, Jana)**Edited by:** Chova LG; Belenguer DM; Martinez AL**Source:** EDULEARN11: 3RD INTERNATIONAL CONFERENCE ON EDUCATION AND NEW LEARNING TECHNOLOGIES **Book Series:** EDULEARN Proceedings **Pages:** 5036-5040 **Published:** 2011**Times Cited in Web of Science Core Collection:** 0**Total Times Cited:** 0**Cited Reference Count:** 5

**Abstract:** The paper deals with research of strategic management utilization for support of education activities and regions development. Strategic management enables regions to become successful and to gain significant position. Development of regions, their movement on the way to prosperity in the specified field don't depend only on implementation of a well-prepared strategy. It is necessary to detect strengths and weaknesses and to find out whether they mean a resource of relevant vulnerability. One of the possible ways, how to achieve it, lies in implementation of strategic management methods for regions development support. In period of globalisation, growing competition and users' needs as well as changes of environment cause that regions, which are sufficiently flexible, have a chance to be successful. In conditions of economic instability strategic management enables to analyse present and future state and specifies direction for their further development. Modern management methods help to orientate in present competitive environment, in conditions of uncertainty and permanent changes as well as provide main goals and strategic vision. All results and experiences are implemented to study programmes.

**Accession Number:** WOS:000326292905010**Language:** English**Document Type:** Proceedings Paper**Conference Title:** 3rd International Conference on Education and New Learning Technologies (EDULEARN)**Conference Date:** JUL 04-06, 2011**Conference Location:** Barcelona, SPAIN**Author Keywords:** Strategic management; education activities; regions development**Addresses:** [Stofkova, Katarina; Stofkova, Jana] Univ Zilina, Zilina, Slovakia.**E-mail Addresses:** katarina.stofkova@fpedas.uniza.sk; jana.stofkova@fpedas.uniza.sk**Publisher:** IATED-INT ASSOC TECHNOLOGY EDUCATION A& DEVELOPMENT**Publisher Address:** LAURI VOLPI 6, VALENICA, BURJASSOT 46100, SPAIN**Web of Science Categories:** Education & Educational Research**Research Areas:** Education & Educational Research**IDS Number:** BHQ18**ISSN:** 2340-1117**ISBN:** 978-84-615-0441-1**29-char Source Abbrev.:** EDULEARN PROC**Source Item Page Count:** 5



## Record 1 of 1

**Title:** PLACING OF POINTS INTO THE 5-DIMENSIONAL UNIT CUBE**Author(s):** Balint, V (Balint, Vojtech); Balint, V (Balint, Vojtech, Jr.)**Source:** PERIODICA MATHEMATICA HUNGARICA **Volume:** 65 **Issue:** 1 **Pages:** 1-16 **DOI:** 10.1007/s10998-012-2275-3 **Published:** SEP 2012**Times Cited in Web of Science Core Collection:** 0**Total Times Cited:** 0**Cited Reference Count:** 17**Abstract:** We give a very short survey of the results on placing of points into the unit  $n$ -dimensional cube with mutual distances at least one. The main result is that into the 5-dimensional unit cube there can be placed no more than 40 points.**Accession Number:** WOS:000308876200001**Language:** English**Document Type:** Article**Author Keywords:** unit cube; packing; distance at least 1**Addresses:** [Balint, Vojtech; Balint, Vojtech, Jr.] Zilinska Univ Ziline, Fak Prevadzky & Ekonomiky Dopravy Spojov, Katedra Kvantitativnych Metod & Hospodarskej Info, Zilina 01026, Slovakia.**Reprint Address:** Balint, V (reprint author), Zilinska Univ Ziline, Fak Prevadzky & Ekonomiky Dopravy Spojov, Katedra Kvantitativnych Metod & Hospodarskej Info, Univ 1, Zilina 01026, Slovakia.**E-mail Addresses:** balintjr@fpedas.uniza.sk; balintjr@fpedas.uniza.sk**Publisher:** AKADEMIAI KIADO RT**Publisher Address:** PRIELLE K U 19, PO BOX 245,, H-1117 BUDAPEST, HUNGARY**Web of Science Categories:** Mathematics, Applied; Mathematics**Research Areas:** Mathematics**IDS Number:** 007GG**ISSN:** 0031-5303**29-char Source Abbrev.:** PERIOD MATH HUNG**ISO Source Abbrev.:** Period. Math. Hung.**Source Item Page Count:** 16**Funding:****Funding Agency****Grant Number**

Discrete and Convex Geometry project MTKD-CT-2005-01433

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## Documents

Čorejová, T., Rostášová, M., Chrenková, A.

**Knowledge biography-Tool for researching the knowledge dynamics**

(2012) *IEEE Global Engineering Education Conference, EDUCON*, art. no. 6201050, .

**DOI:** 10.1109/EDUCON.2012.6201050

Department of Communications, Faculty of Operation and Economics of Transport and Communications, University of Žilina, 01026 Žilina, Slovakia

**Abstract**

The article deals with knowledge biography that is presented as important tool for researching and modelling the process of creation, processing, using and dissemination of knowledge in enterprises. Through biography it is possible not only to analyze the dynamics in enterprise knowledge, but also to understand processes related to knowledge economy in the region. The article gives methodology of knowledge biography and presents example of biography in logistics enterprise. Based on achieved information, in conclusion is created knowledge process map in the enterprise and time-spatial illustration of the knowledge map. © 2012 IEEE.

**Author Keywords**

innovation; knowledge biography; knowledge dynamics; knowledge economy; logistics

**Index Keywords**

Knowledge economy, Knowledge map, Knowledge process, Logistics enterprise; Dynamics, Engineering education, Innovation, Logistics; Industry

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Corejova T.; Department of Communications, Faculty of Operation and Economics of Transport and Communications, University of Žilina, 01026 Žilina, Slovakia; email: tatiana.corejova@fpedas.uniza.sk

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**Conference date:** 17 April 2012 through 20 April 2012

**Conference location:** Marrakech

**Conference code:** 91215

**ISSN:** 21659559

**Language of Original Document:** English

**Abbreviated Source Title:** IEEE Global Eng. Edu. Conf., EDUCON

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**Record 1 of 1****Title:** The proposal of activities of pricing policy in the process of building and managing brand value in Slovak Republic**Author(s):** Krizanova, A (Krizanova, Anna); Majerova, J (Majerova, Jana)**Edited by:** Zhang L; Li X; Chen J**Source:** PROCEEDINGS OF THE 2013 INTERNATIONAL CONFERENCE ON INFORMATION, BUSINESS AND EDUCATION TECHNOLOGY (ICIBET 2013) **Book Series:** Advances in Intelligent Systems Research **Volume:** 26 **Pages:** 416-419 **Published:** 2013**Times Cited in Web of Science Core Collection:** 1**Total Times Cited:** 1**Cited Reference Count:** 5**Abstract:** The article analyzes consumer's perception of the price of selected activities of policies that are implemented in the process of building and managing the brand value in the specific conditions of the Slovak Republic. Subsequently, the partial proposals for the pricing policy activities are formulated in specific stages of life cycle of brand in general.**Accession Number:** WOS:000320283600090**Language:** English**Document Type:** Proceedings Paper**Conference Title:** International Conference on Information, Business and Education Technology (ICIBET)**Conference Date:** MAR 14-15, 2013**Conference Location:** Beijing, PEOPLES R CHINA**Author Keywords:** brand; branding; brand value; pricing policy**Addresses:** [Krizanova, Anna; Majerova, Jana] Univ Zilina, FPEDAS, KE, Zilina 01026, Slovakia.**Reprint Address:** Krizanova, A (reprint author), Univ Zilina, FPEDAS, KE, Univ 1, Zilina 01026, Slovakia.**Publisher:** ATLANTIS PRESS**Publisher Address:** 29 AVENUE LAVMIERE, PARIS, 75019, FRANCE**Web of Science Categories:** Computer Science, Artificial Intelligence; Computer Science, Information Systems**Research Areas:** Computer Science**IDS Number:** BFK72**ISSN:** 1951-6851**ISBN:** 978-90-78677-57-4**29-char Source Abbrev.:** ADV INTEL SYS RES**Source Item Page Count:** 4



## Record 1 of 1

**Title:** Green Marketing as a Tool of Achieving Competitive Advantage in Automotive Transport**Author(s):** Krizanova, A (Krizanova, A.); Majerova, J (Majerova, J.); Zvarikova, K (Zvarikova, K.)**Book Group Author(s):** Kaunas Univ Technol Press**Source:** TRANSPORT MEANS 2013 **Book Series:** Transport Means - Proceedings of the International Conference **Pages:** 45-48 **Published:** 2013**Times Cited in Web of Science Core Collection:** 0**Total Times Cited:** 0**Cited Reference Count:** 12**Abstract:** At the present green marketing does not represent only one of the tools of company's image building. In fact, its implementation is primarily public commitment of company's management to carry business in the way which ensures economic development and at the same time it is realizing of the responsibility for increasing of environmental and social performance.

The contribution papers are focused on the efficiency of the green marketing as a tool of competitive advantage in automobile transport. Important impact of automobile transport on the environment is the reason why we choose this topic. The subject of our searching is perception of green marketing by Slovak consumers. On the basis of the questionnaire survey we define in which part of automobile transport the application of green marketing is the most important and also look on the facts, if the Slovak consumer meets theoretical determinants of the green consumer and which type of green consumer he or she is. Following achieving information there are formulated recommendations for application of green marketing as a tool of competitive advantage in automobile transport in the conclusion.

**Accession Number:** WOS:000345691500011**Language:** English**Document Type:** Proceedings Paper**Conference Title:** 17th International Conference on Transport Means**Conference Date:** OCT 24-25, 2013**Conference Location:** Kaunas, LITHUANIA**Conference Sponsors:** IFToMM Natl Comm Lithuania, Lithuanian Soc Automot Engineers, Lithuanian Acad Sci, Div Tech Sci, Klaipeda Univ, Vilnius Gediminas Tech Univ**Conference Host:** Kaunas Univ Technol**Author Keywords:** green marketing; ecological marketing; green consumer; environmental brands**Addresses:** [Krizanova, A.; Majerova, J.; Zvarikova, K.] Univ Zilina, Zilina 01026, Slovakia.**Reprint Address:** Krizanova, A (reprint author), Univ Zilina, Univ 1, Zilina 01026, Slovakia.**E-mail Addresses:** anna.krizanova@fpedas.uniza.sk; jana.majerova@fpedas.uniza.sk; katarina.zvarikova@fpedas.uniza.sk**Publisher:** KAUNAS UNIV TECHNOLOGY PRESS**Publisher Address:** K DONELAICIO 73, KAUNAS LT 3006, LITHUANIA**Web of Science Categories:** Transportation Science & Technology**Research Areas:** Transportation**IDS Number:** BB7KQ**ISSN:** 1822-296X**29-char Source Abbrev.:** TRANSP MEANS**Source Item Page Count:** 4



## Documents

Križanová, A., Majerová, J., Zvaríková, K.

**Green marketing as a tool of achieving competitive advantage in automotive transport**

(2013) *Transport Means - Proceedings of the International Conference*, pp. 45-48.

University of Žilina, Univerzitná 1, 010 26 Žilina, Slovakia

**Abstract**

At the present green marketing does not represent only one of the tools of company's image building. In fact, its implementation is primarily public commitment of company's management to carry business in the way which ensures economic development and at the same time it is realizing of the responsibility for increasing of environmental and social performance. The contribution papers are focused on the efficiency of the green marketing as a tool of competitive advantage in automobile transport. Important impact of automobile transport on the environment is the reason why we choose this topic. The subject of our searching is perception of green marketing by Slovak consumers. On the basis of the questionnaire survey we define in which part of automobile transport the application of green marketing is the most important and also look on the facts, if the Slovak consumer meets theoretical determinants of the green consumer and which type of green consumer he or she is. Following achieving information there are formulated recommendations for application of green marketing as a tool of competitive advantage in automobile transport in the conclusion.

**Author Keywords**

Ecological marketing; Environmental brands; Green consumer; Green marketing

**Index Keywords**

Competition, Industry, Marketing, Tools; Automotive transport, Competitive advantage, Economic development, Environmental brands, Green consumer, Green marketing, Questionnaire surveys, Social performance; Commerce

**Sponsors:**

**Publisher:** Kaunas University of Technology

**Conference name:** 17th International Conference Transport Means 2013

**Conference date:** 24 October 2013 through 25 October 2013

**Conference location:** Kaunas

**Conference code:** 102486

**ISSN:** 1822296X

**Language of Original Document:** English

**Abbreviated Source Title:** Transp. Means - Proc. Int. Conf.

**Document Type:** Conference Paper

**Source:** Scopus

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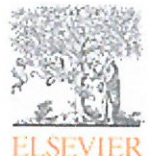
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## Record 1 of 1

**Title:** Corporate culture - The way of increasing the work quality in transport organization

**Author(s):** Bielikova, A (Bielikova, Alzbeta)

**Source:** PROMET-TRAFFIC & TRANSPORTATION **Volume:** 20 **Issue:** 1 **Pages:** 43-45 **Published:** 2008

**Times Cited in Web of Science Core Collection:** 0

**Total Times Cited:** 0

**Cited Reference Count:** 3

**Abstract:** The article deals with corporate culture in transport organization. The corporate culture has a momentary character and it is affected by continual confrontation with business priorities and by movement of external environment. For this reason the activity of transport organization must be still adapted to customer expectations and needs and corporate culture must be adapted to this objective.

**Accession Number:** WOS:000255659400006

**Language:** English

**Document Type:** Article

**Author Keywords:** corporate culture; customer; customer relationship management; company's ethical codex; organization structure; system of internal communication; model of "key references"

**Addresses:** Univ Zilina, Fac Operat & Econ Transport & Commun, Dept Econ, Zilina 01026, Slovakia.

**Reprint Address:** Bielikova, A (reprint author), Univ Zilina, Fac Operat & Econ Transport & Commun, Dept Econ, Univ 8215-1, Zilina 01026, Slovakia.

**E-mail Addresses:** alzbeta.bielikova@fpedas.utc.sk

**Publisher:** SVENCILISTE U ZAGREBU, FAKULTET PROMETNIH ZNANOSTI

**Publisher Address:** VUKELICEVA 4, ZAGREB, 10000, CROATIA

**Web of Science Categories:** Transportation Science & Technology

**Research Areas:** Transportation

**IDS Number:** 298AV

**ISSN:** 0353-5320

**29-char Source Abbrev.:** PROMET

**ISO Source Abbrev.:** Promet

**Source Item Page Count:** 3

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## Record 1 of 1

**Title:** THE PASSENGER SATISFACTION SURVEY IN THE REGIONAL INTEGRATED PUBLIC TRANSPORT SYSTEM**Author(s):** Valaskova, M (Valaskova, Martina); Krizanova, A (Krizanova, Anna)**Source:** PROMET-TRAFFIC & TRANSPORTATION **Volume:** 20 **Issue:** 6 **Pages:** 401-404 **Published:** 2008**Times Cited in Web of Science Core Collection:** 4**Total Times Cited:** 4**Cited Reference Count:** 4

**Abstract:** This article describes the Quality criteria Method of the Services in the Integrated Public Transport System in Slovak Republic. The proposed method is based on the detailed list of the Quality criteria of the Services in Public Transport from the view of passengers. The criteria are determined based on the Slovak Technical Norm STN EN 138 16 which is related to quality of transport. The method has been applied in Regional Integrated Public Transport System of Zilina (ZRIDS) in the form of Passenger Quality Satisfaction Survey.

**Accession Number:** WOS:000262144500006**Language:** English**Document Type:** Review**Author Keywords:** quality criteria; matrix of SWOT analysis; survey; integrated public transport system; importance; satisfaction**Addresses:** [Valaskova, Martina; Krizanova, Anna] Univ Zilina, Fac Operat & Econ Transport & Commun, Dept Econ, Zilina 01026, Slovakia.**Reprint Address:** Valaskova, M (reprint author), Univ Zilina, Fac Operat & Econ Transport & Commun, Dept Econ, Univ 1, Zilina 01026, Slovakia.**E-mail Addresses:** martina.valaskova@fpedas.uniza.sk; anna.krizanova@fpedas.uniza.sk**Publisher:** SVENCILISTE U ZAGREBU, FAKULTET PROMETNIH ZNANOSTI**Publisher Address:** VUKELICEVA 4, ZAGREB, 10000, CROATIA**Web of Science Categories:** Transportation Science & Technology**Research Areas:** Transportation**IDS Number:** 390DM**ISSN:** 0353-5320**29-char Source Abbrev.:** PROMET**ISO Source Abbrev.:** Promet**Source Item Page Count:** 4

## Record 1 of 1

**Title:** Convergence at the postal market**Author(s):** Corejova, T (Corejova, Tatiana); Imriskova, E (Imriskova, Emilia)**Source:** EKSPLOATACJA I NIEZAWODNOSC-MAINTENANCE AND RELIABILITY **Issue:** 3 **Pages:** 74-76 **Published:** 2008**Times Cited in Web of Science Core Collection:** 0**Total Times Cited:** 0**Cited Reference Count:** 10**Abstract:** The paper deals with impacts of technology change on the strategy of postal markets. It concentrates on the convergence of technology, services and creation of new forms of firm cooperation - vertical and horizontal alliances. The term "convergence" is defined in relation with technology, content, economic and institutional dimensions.**Accession Number:** WOS:000258276600010**Language:** English**Document Type:** Article**Author Keywords:** convergence; post; services; information technology; strategy; operator**Addresses:** [Corejova, Tatiana; Imriskova, Emilia] Univ Zilina, Dept Commun, Fac Operat & Econ Transport & Commun, Zilina 01026, Slovakia.**Reprint Address:** Corejova, T (reprint author), Univ Zilina, Dept Commun, Fac Operat & Econ Transport & Commun, Univ I, Zilina 01026, Slovakia.**E-mail Addresses:** tatiana.corejova@fpedas.uniza.sk; emilia.imriskova@fpedas.uniza.sk**Author Identifiers:**

Author	ResearcherID Number	ORCID Number
Imriskova, Emilia	A-6482-2010	

**Publisher:** POLISH MAINTENANCE SOC**Publisher Address:** REDAKCJA KWARTALNIKA EKSPLOATACJA & NIEZAWODNOSC, UL NADBYSTRZYCKA 36, LUBLIN, 20-618, POLAND**Web of Science Categories:** Engineering, Multidisciplinary**Research Areas:** Engineering**IDS Number:** 335FQ**ISSN:** 1507-2711**29-char Source Abbrev.:** EKSPLOAT NIEZAWODN**ISO Source Abbrev.:** Eksploat. Niezawodn.**Source Item Page Count:** 3



## Record 1 of 1

**Title:** QUANTIFICATION EFFECTIVENESS ACTIVITIES TRAFFIC COMPANY BY THE RULES OF DATA ENVELOPMENT ANALYSIS**Author(s):** Klietstik, T (Klietstik, Tomas)**Source:** E & M EKONOMIE A MANAGEMENT **Volume:** 12 **Issue:** 1 **Pages:** 133-145 **Published:** 2009**Times Cited in Web of Science Core Collection:** 9**Total Times Cited:** 9**Cited Reference Count:** 13

**Abstract:** Effectiveness quantification of enterprises and identification of causes, eventually of resources of their inefficiency is an important assumption which determines their position in competitive setting. There are used lots of different quotient indicators to analyze effectiveness in practice which arise from standard reports of financial statement. Calculation of quotient indicators is simple, however we can locate only a few factors which influence complete "work" effectiveness of diagnosed enterprise. New procedures have recently started to be used for measurements of relative effectiveness of production units. Procedure file of the procedures, methods and algorithms is called in general Data Envelopment Analysis DEA. It is about methods which represent a particular field of application on linear programming. DEA is a method of linear programming which was originally developed for regarding of effectiveness of driving and planning of non - profitable institutions (e.g. schools, hospitals, etc), Afterwards its application spread to some economical fields as well, where there is measured effectiveness of different enterprises or organization units by means of DEA. Presented contribution is dealing with quantification of effectiveness of road transportation companies by means of DEA and monitoring of effectiveness of companies in time by means of Malmquist index. It is divided into 2 sections. In the first section you will find description of basic DEA models and the second is devoted to Malmquist index. Malmquist index is one of the quantitative implements of evaluating the effectiveness, which attempts a model description of influence of technology modifications and their separation from other sources of increasing eventually decreasing of effectiveness of companies. It enables its separation into two components during evaluation of amendments in time - amendment of relative effectiveness against set of other units (road transportation companies) and amendments of borders of production possibilities evoked by new technologies.

**Accession Number:** WOS:000264108200013**Language:** Czech**Document Type:** Article**Author Keywords:** Data envelopment analysis; effectivity; evaluation; malmquist index; technology; component; Malmquist index**Addresses:** Zilinska Univ, Fak Prevadzky Ekon, Katedra Ekon, Zilina 01026, Czech Republic.**Reprint Address:** Klietstik, T (reprint author), Zilinska Univ, Fak Prevadzky Ekon, Katedra Ekon, Univ 1, Zilina 01026, Czech Republic.**E-mail Addresses:** tomas.klietstik@fpedas.uniza.sk**Publisher:** TECHNICKA UNIV & LIBERCI**Publisher Address:** HOSPODARSKA FAKULTA, STUDENTSKA 2, HALKOVA 6, IC 46747885, LIBEREC 1, 461 17, CZECH REPUBLIC**Web of Science Categories:** Economics; Management**Research Areas:** Business & Economics**IDS Number:** 417WC**ISSN:** 1212-3609**29-char Source Abbrev.:** E M EKON MANAG**ISO Source Abbrev.:** E M Ekon. Manag.**Source Item Page Count:** 13

**Record 1 of 1****Title:** Mathematics in investment decision**Author(s):** Guttanova, D (Guttanova, Danuse); Vojtekova, M (Vojtekova, Maria)**Edited by:** Hoskova S; Kuben J; Potucek R; Rackova P**Source:** 6TH CONFERENCE ON MATHEMATICS AND PHYSICS AT TECHNICAL UNIVERSITIES, PTS 1 AND 2, PROCEEDINGS **Pages:** 101-106 **Published:** 2009**Times Cited in Web of Science Core Collection:** 0**Total Times Cited:** 0**Cited Reference Count:** 4**Abstract:** In the article we approach mathematical procedures used for evaluation of investments based on real options method, which, in simplified form, are useful for both bachelor and master students.**Accession Number:** WOS:000279806500010**Language:** Czech**Document Type:** Proceedings Paper**Conference Title:** 6th Conference on Mathematics and Physics at Technical Universities**Conference Date:** SEP 10, 2009**Conference Location:** Brno, CZECH REPUBLIC**Conference Sponsors:** Union Czech Mathematicians & Physicists, Brno Branch, Univ Def, Fac Mil Technol, Dept Math & Phys**Addresses:** [Guttanova, Danuse; Vojtekova, Maria] Zilinska Univ Ziline, Fak Prevadzky Ekon Dopravy Spojov, Katedra Kvantitativnych Metod Hospodarskej Inform, Zilina 01026, Slovakia.**Reprint Address:** Guttanova, D (reprint author), Zilinska Univ Ziline, Fak Prevadzky Ekon Dopravy Spojov, Katedra Kvantitativnych Metod Hospodarskej Inform, Univerzitna 1, Zilina 01026, Slovakia.**E-mail Addresses:** danuse.guttanova@fpedas.uniza.sk; maria.vojtekova@fpedas.uniza.sk**Publisher:** UNIV DEFENCE, BRNO**Publisher Address:** KOUNICOVA 65, BRNO, 612 00, CZECH REPUBLIC**Web of Science Categories:** Education, Scientific Disciplines; Mathematics; Physics, Multidisciplinary**Research Areas:** Education & Educational Research; Mathematics; Physics**IDS Number:** BPS73**ISBN:** 978-80-7231-667-0**Source Item Page Count:** 6

## Record 1 of 1

**Title:** Mathematics in investment decision**Author(s):** Guttenova, D (Guttenova, Danuse); Vojtekova, M (Vojtekova, Maria)**Edited by:** Hoskova S; Kuben J; Potucek R; Rackova P**Source:** 6TH CONFERENCE ON MATHEMATICS AND PHYSICS AT TECHNICAL UNIVERSITIES, PTS 1 AND 2, PROCEEDINGS **Pages:** 101-106 **Published:** 2009**Times Cited in Web of Science Core Collection:** 0**Total Times Cited:** 0**Cited Reference Count:** 4**Abstract:** In the article we approach mathematical procedures used for evaluation of investments based on real options method, which, in simplified form, are useful for both bachelor and master students.**Accession Number:** WOS:000279806500010**Language:** Czech**Document Type:** Proceedings Paper**Conference Title:** 6th Conference on Mathematics and Physics at Technical Universities**Conference Date:** SEP 10, 2009**Conference Location:** Brno, CZECH REPUBLIC**Conference Sponsors:** Union Czech Mathematicians & Physicists, Brno Branch, Univ Def, Fac Mil Technol, Dept Math & Phys**Addresses:** [Guttenova, Danuse; Vojtekova, Maria] Zilinska Univ Ziline, Fak Prevadzky Ekon Dopravy Spojov, Katedra Kvantitativnych Metod Hospodarskej Inform, Zilina 01026, Slovakia.**Reprint Address:** Guttenova, D (reprint author), Zilinska Univ Ziline, Fak Prevadzky Ekon Dopravy Spojov, Katedra Kvantitativnych Metod Hospodarskej Inform, Univerzitna 1, Zilina 01026, Slovakia.**E-mail Addresses:** danuse.guttenova@fpedas.uniza.sk; maria.vojtekova@fpedas.uniza.sk**Publisher:** UNIV DEFENCE, BRNO**Publisher Address:** KOUNICOVA 65, BRNO, 612 00, CZECH REPUBLIC**Web of Science Categories:** Education, Scientific Disciplines; Mathematics; Physics, Multidisciplinary**Research Areas:** Education & Educational Research; Mathematics; Physics**IDS Number:** BPS73**ISBN:** 978-80-7231-667-0**Source Item Page Count:** 6

## Record 1 of 1

**Title:** Results of the analysis carried out in order to choose appropriate location of the Regional Offices of the Slovak National Centre for Human Rights

**Author(s):** Rostasova, M (Rostasova, Maria); Chrenkova, A (Chrenkova, Alena)

**Edited by:** Bucek M; Capello R; Hudec O; Nijkamp P

**Source:** CERS 2009 - 3RD CENTRAL EUROPEAN CONFERENCE IN REGIONAL SCIENCE, INTERNATIONAL CONFERENCE PROCEEDINGS - YOUNG SCIENTISTS ARTICLES **Pages:** 734-756 **Published:** 2009

**Times Cited in Web of Science Core Collection:** 0

**Total Times Cited:** 0

**Cited Reference Count:** 11

**Abstract:** The article deals with results of analysis focused on selection appropriate location for Regional Offices of the Slovak National Centre for Human Rights. First, the profiles of regions in connection with rise and existence of discrimination cases were elaborated. Characteristics of situation showed the most distinctive differences which positively or negatively affect the rise of cases of discrimination. On the base of analytical assessment results were selected regions with the greatest need for solving problem of the fight against discrimination. Also methodology of Problem Tree was applied as a tool for problem analysis. It contains not only the causes of problems but also correct and precise determination of the consequences caused by these problems.

**Accession Number:** WOS:000291036200055

**Language:** English

**Document Type:** Proceedings Paper

**Conference Title:** 3rd Central European Conference in Regional Science

**Conference Date:** OCT 07-09, 2009

**Conference Location:** Kosice, SLOVAKIA

**Author Keywords:** discrimination; fight against discrimination; problem tree; profile of region

**Addresses:** [Rostasova, Maria; Chrenkova, Alena] Univ Zilina, Zilina 01026, Slovakia.

**E-mail Addresses:** Maria.Rostasova@fpedas.uniza.sk; Alena.Chrenkova@fpedas.uniza.sk

**Publisher:** TECH UNIV KOSICE

**Publisher Address:** FAC ECONOMICS, INST REGIONAL & COMMUNITY DEVELOPMENT, KOSICE, 00000, SLOVAKIA

**Web of Science Categories:** Geography; Planning & Development

**Research Areas:** Geography; Public Administration

**IDS Number:** BVC74

**ISBN:** 978-80-553-0363-5

**Source Item Page Count:** 23



## Record 1 of 1

**Title:** The knowledge society brings growth in living standards

**Author(s):** Potkan, T (Potkan, Tomas); Chrenkova, A (Chrenkova, Alena)

**Edited by:** Bucek M; Capello R; Hudec O; Nijkamp P

**Source:** CERS 2009 - 3RD CENTRAL EUROPEAN CONFERENCE IN REGIONAL SCIENCE, INTERNATIONAL CONFERENCE PROCEEDINGS - YOUNG SCIENTISTS ARTICLES **Pages:** 1242-1247 **Published:** 2009

**Times Cited in Web of Science Core Collection:** 0

**Total Times Cited:** 0

**Cited Reference Count:** 4

**Abstract:** The article deals with the importance of the knowledge society in the current economy. In the past, the main engine of economic growth considered labour and capital, but today it is the knowledge of what moves the economy forward. Knowledge generates, transmit and expand in educational institutions such as schools, universities, trade school, etc., but important institution for the use and transfer of knowledge is the knowledge enterprise. Knowledge-based enterprise is not only the enterprise engaged in the coaching or teaching, but the company that employs people who create knowledge based on personal connections and knowledge of practical experience and further their knowledge to colleagues made to increase productivity and reduce costs.

**Accession Number:** WOS:000291036200098

**Language:** English

**Document Type:** Proceedings Paper

**Conference Title:** 3rd Central European Conference in Regional Science

**Conference Date:** OCT 07-09, 2009

**Conference Location:** Kosice, SLOVAKIA

**Author Keywords:** Knowledge; Knowledge society; Knowledge-based enterprise

**Addresses:** [Potkan, Tomas; Chrenkova, Alena] Univ Zilina, Zilina 01026, Slovakia.

**E-mail Addresses:** Tomas.Potkan@fpedas.uniza.sk; Alena.Chrenkova@fpedas.uniza.sk

**Publisher:** TECH UNIV KOSICE

**Publisher Address:** FAC ECONOMICS, INST REGIONAL & COMMUNITY DEVELOPMENT, KOSICE, 00000, SLOVAKIA

**Web of Science Categories:** Geography; Planning & Development

**Research Areas:** Geography; Public Administration

**IDS Number:** BVC74

**ISBN:** 978-80-553-0363-5

**Source Item Page Count:** 6

## Record 1 of 1

**Title:** Diffusion processes in the knowledge economy in terms of theoretical approaches

**Author(s):** Imriskova, E (Imriskova, Emilia); Mravcova, Z (Mravcova, Zuzana)

**Edited by:** Bucek M; Capello R; Hudec O; Nijkamp P

**Source:** CERS 2009 - 3RD CENTRAL EUROPEAN CONFERENCE IN REGIONAL SCIENCE, INTERNATIONAL CONFERENCE PROCEEDINGS - YOUNG SCIENTISTS ARTICLES **Pages:** 1080-1084 **Published:** 2009

**Times Cited in Web of Science Core Collection:** 0

**Total Times Cited:** 0

**Cited Reference Count:** 15

**Abstract:** The paper deals with various theories of diffusion of information and knowledge as a basis for regional development. The content of theory is to examine how, why and with what intensity is spreading new knowledge, skills, innovation and technological changes in the knowledge economy.

**Accession Number:** WOS:000291036200081

**Language:** English

**Document Type:** Proceedings Paper

**Conference Title:** 3rd Central European Conference in Regional Science

**Conference Date:** OCT 07-09, 2009

**Conference Location:** Kosice, SLOVAKIA

**Author Keywords:** Diffusion; diffusion theory; knowledge; innovation; knowledge economy

**Addresses:** [Imriskova, Emilia; Mravcova, Zuzana] Univ Zilina, Zilina 01026, Slovakia.

**E-mail Addresses:** Emilia.Imriskova@fpedas.uniza.sk; Zuzana.Mravcova@fpedas.uniza.sk

**Publisher:** TECH UNIV KOSICE

**Publisher Address:** FAC ECONOMICS, INST REGIONAL & COMMUNITY DEVELOPMENT, KOSICE, 00000, SLOVAKIA

**Web of Science Categories:** Geography; Planning & Development

**Research Areas:** Geography; Public Administration

**IDS Number:** BVC74

**ISBN:** 978-80-553-0363-5

**Source Item Page Count:** 5

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## Record 1 of 1

**Title:** STRATEGIES FOR IMPLEMENTATION OF INNOVATIONS IN THE POSTAL SECTOR**Author(s):** Chrenkova, A (Chrenkova, Alena)**Edited by:** Jedlicka P**Source:** HRADECKE EKONOMICKÉ DNY 2010, DIL I: EKONOMICKÝ ROZVOJ A MANAGEMENT REGIONU. ECONOMIC DEVELOPMENT AND MANAGEMENT REGION **Pages:** 121-124 **Published:** 2010**Times Cited in Web of Science Core Collection:** 0**Total Times Cited:** 0**Cited Reference Count:** 3**Abstract:** The article deals with current situation in the field of innovations in the postal sector. Through innovative potential, it reflects ability of selected Slovak postal enterprises to use knowledge and instruments in order to increase competitiveness. Based on their focus on innovation, marketing or scope of services, it defines basic types of strategies for implementation of innovations, which can be applied not only in Slovak but also foreign postal companies.**Accession Number:** WOS:000310659300025**Language:** Slovak**Document Type:** Proceedings Paper**Conference Title:** International Scientific Conference on Hradec Economical Days 2010 - Economic Development and Management of the Region**Conference Date:** FEB 02-03, 2010**Conference Location:** Hradec Kralove, CZECH REPUBLIC**Author Keywords:** Postal sector; innovations; innovation strategies**E-mail Addresses:** Alena.Chrenkova@fpedas.uniza.sk**Publisher:** GAUDEAMUS**Publisher Address:** UNIV HRADEC KRALOVE, ROKITANSKEHO 62, HRADEC KRALOVE, 500 03, CZECH REPUBLIC**Web of Science Categories:** Economics; Management**Research Areas:** Business & Economics**IDS Number:** BCL97**ISBN:** 978-80-7435-040-5**Source Item Page Count:** 4

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## Record 1 of 1

**Title:** IMPLEMENTATION OF THE KNOWLEDGE MANAGEMENT AS A COMPETITIVE ADVANTAGE**Author(s):** Stofkova, K (Stofkova, Katarina); Stofkova, J (Stofkova, Jana)**Edited by:** Chova LG; Belenguer DM; Torres IC**Source:** EDULEARN10: INTERNATIONAL CONFERENCE ON EDUCATION AND NEW LEARNING TECHNOLOGIES **Pages:** 1323-1328 **Published:** 2010**Times Cited in Web of Science Core Collection:** 0**Total Times Cited:** 0**Cited Reference Count:** 5

**Abstract:** Knowledge becomes a new strategic resource that often endangers an individual and his irretrievability. Implementation of knowledge management methods in the organisation meets often with braking influence of corporate culture and firm philosophy. Dissemination of knowledge management leads to the loss of firm competitiveness at the market by long innovation periods, production of uncompetitive products and in the end it leads to the loss of customer base and departure from company of key employees. The implementation of knowledge management is financially challenging and time-consuming matter with participation of specialists from various spheres. Effectiveness of the implementation of knowledge management assures systematic approach which determines sequence and contents of its certain phases. The paper deals with the state of knowledge management of organizations in Slovak republic, what knowledge organizations in these days consider as critical, what contributions in knowledge management are most needed.

**Accession Number:** WOS:000318781701052**Language:** English**Document Type:** Proceedings Paper**Conference Title:** 2nd International Conference on Education and New Learning Technologies (EDULEARN)**Conference Date:** JUL 05-07, 2010**Conference Location:** Barcelona, SPAIN**Author Keywords:** Knowledge; knowledge management; implementation**Addresses:** [Stofkova, Katarina; Stofkova, Jana] Univ Zilina, Fac Operat & Econ Transport & Commun, Zilina, Slovakia.**E-mail Addresses:** Katarina.Stofkova@fpedas.uniza.sk; Jana.Stofkova@fpedas.uniza.sk**Publisher:** IATED-INT ASSOC TECHNOLOGY EDUCATION A& DEVELOPMENT**Publisher Address:** LAURI VOLPI 6, VALENICA, BURJASSOT 46100, SPAIN**Web of Science Categories:** Education & Educational Research**Research Areas:** Education & Educational Research**IDS Number:** BEY96**ISBN:** 978-84-613-9386-2**Source Item Page Count:** 6



## Documents

Badanik, B., Laplace, I., Lenoir, N., Malavolti, E., Tomova, A., Kazda, A.

**Future strategies for airports**

(2010) *27th Congress of the International Council of the Aeronautical Sciences 2010, ICAS 2010*, 6, pp. 4416-4425.

<sup>a</sup> University of Zilina (UZ), Czech Republic

<sup>b</sup> M3 SYSTEMS (M3S), Belgium

<sup>c</sup> The French Civil Aviation University (ENAC), Belgium

**Abstract**

In air transport, the evolution of traffic depends upon many economic factors, and on the way in which the markets participants respond to those factors. Although airlines are the main actors, the airports are by no means passive, and their strategies will also have an impact on airline behaviour and route development. Our methodology analyzes the potential evolution of airport strategies in the next decade and its impact on the distribution of traffic at airports, using a typology of airports that has been designed for this purpose. It shows in particular that diversification strategies, which are usually reserved for large firms, can also be successfully applied to smaller airports.

**Author Keywords**

Air traffic management; Airlines; Airports; Aviation; Strategies

**Index Keywords**

Air Traffic Management, Air transport, Diversification strategies, Economic factors, Future strategy, Strategies; Aerodynamics, Air transportation, Aircraft, Aviation; Airports

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Badanik B.; University of Zilina (UZ)Czech Republic

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**ISBN:** 9781617820496

**Language of Original Document:** English

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**Record 1 of 1****Title:** RESEARCH OF STRATEGIC MANAGEMENT UTILIZATION FOR SUPPORT OF EDUCATION ACTIVITIES AND REGIONS DEVELOPMENT**Author(s):** Stofkova, K (Stofkova, Katarina); Stofkova, J (Stofkova, Jana)**Edited by:** Chova LG; Belenguer DM; Martinez AL**Source:** EDULEARN11: 3RD INTERNATIONAL CONFERENCE ON EDUCATION AND NEW LEARNING TECHNOLOGIES **Book Series:** EDULEARN Proceedings **Pages:** 5036-5040 **Published:** 2011**Times Cited in Web of Science Core Collection:** 0**Total Times Cited:** 0**Cited Reference Count:** 5

**Abstract:** The paper deals with research of strategic management utilization for support of education activities and regions development. Strategic management enables regions to become successful and to gain significant position. Development of regions, their movement on the way to prosperity in the specified field don't depend only on implementation of a well-prepared strategy. It is necessary to detect strengths and weaknesses and to find out whether they mean a resource of relevant vulnerability. One of the possible ways, how to achieve it, lies in implementation of strategic management methods for regions development support. In period of globalisation, growing competition and users' needs as well as changes of environment cause that regions, which are sufficiently flexible, have a chance to be successful. In conditions of economic instability strategic management enables to analyse present and future state and specifies direction for their further development. Modern management methods help to orientate in present competitive environment, in conditions of uncertainty and permanent changes as well as provide main goals and strategic vision. All results and experiences are implemented to study programmes.

**Accession Number:** WOS:000326292905010**Language:** English**Document Type:** Proceedings Paper**Conference Title:** 3rd International Conference on Education and New Learning Technologies (EDULEARN)**Conference Date:** JUL 04-06, 2011**Conference Location:** Barcelona, SPAIN**Author Keywords:** Strategic management; education activities; regions development**Addresses:** [Stofkova, Katarina; Stofkova, Jana] Univ Zilina, Zilina, Slovakia.**E-mail Addresses:** katarina.stofkova@fpedas.uniza.sk; jana.stofkova@fpedas.uniza.sk**Publisher:** IATED-INT ASSOC TECHNOLOGY EDUCATION A& DEVELOPMENT**Publisher Address:** LAURI VOLPI 6, VALENICA, BURJASSOT 46100, SPAIN**Web of Science Categories:** Education & Educational Research**Research Areas:** Education & Educational Research**IDS Number:** BHQ18**ISSN:** 2340-1117**ISBN:** 978-84-615-0441-1**29-char Source Abbrev.:** EDULEARN PROC**Source Item Page Count:** 5

## Record 1 of 1

**Title:** CALCULATION OF RISK MARGIN OF INTEREST RATE**Author(s):** Blazekova, O (Blazekova, Ol'ga); Vojtekova, M (Vojtekova, Maria)**Edited by:** Slavickova P**Source:** SBORNIK Z MEZINARODNI VEDECKE KONFERENCE ZNALOSTI PRO TRZNI PRAXI 2012: VYZNAM ZNALOSTI V AKTUALNI FAZI EKONOMICKEHO CYKLU **Pages:** 9-14 **Published:** 2012**Times Cited in Web of Science Core Collection:** 0**Total Times Cited:** 0**Cited Reference Count:** 1

**Abstract:** Basel II attempted to accomplish banks to count adequate capital on loans in dependence on solvency of the borrower. Client rating becomes a decisive criterion for lending and credit risk, probability of default and loss given default have been getting in the center of attention. Our paper presents the calculation of risk margin by application of Markov chains considering the future change of the creditworthiness as a stochastic process. Proposed mathematical model comes out from current credit scoring of loans and simulates rating development in time by using Markov transitional matrix. Our aim is to estimate doubtful accounts and risk margin for the whole scale of ratings. Application of described mathematical model is illustrated by practical example.

**Accession Number:** WOS:000327205300001**Language:** Czech**Document Type:** Proceedings Paper**Conference Title:** International Scientific Conference on Knowledge for Market Use - Significance of Knowledge at the Current Phase of Economic Cycle**Conference Date:** SEP 06-07, 2012**Conference Location:** Olomouc, CZECH REPUBLIC**Conference Sponsors:** Evropsky Socialnu Fond, Evropska Unie, Ministerstvo Skolstvi, Mladeze & Telovychovy, OP Vzdelavani Konkurenceschopnost**Author Keywords:** risk margin; loan; client rating; Markov chain**Addresses:** [Blazekova, Ol'ga; Vojtekova, Maria] Zilinska Univ, Hosp Informat FPEDAS, Katedra Kvantitativnych Metod, Zilina 01026, Slovakia.**E-mail Addresses:** olga.blazekova@fpedas.uniza.sk; maria.vojtekova@fpedas.uniza.sk**Publisher:** SOCIETAS SCIENTIARUM OLOMUCENSIS LI**Publisher Address:** KRIZKOVSKÉHO 10, OLOMOUC, 77900, CZECH REPUBLIC**Web of Science Categories:** Economics; Management**Research Areas:** Business & Economics**IDS Number:** BIB28**ISBN:** 978-80-87533-04-8**Source Item Page Count:** 6



## Record 1 of 1

**Title:** APPLICATION OF MARKOV CHAINS IN FACTORING**Author(s):** Vojtekova, M (Vojtekova, Maria); Blazekova, O (Blazekova, Ol'ga)**Edited by:** Slavickova P**Source:** SBORNIK Z MEZINARODNI VEDECKE KONFERENCE ZNALOSTI PRO TRZNI PRAXI 2012: VYZNAM ZNALOSTI V AKTUALNI FAZI EKONOMICKEHO CYKLU **Pages:** 410-415 **Published:** 2012**Times Cited in Web of Science Core Collection:** 0**Total Times Cited:** 0**Cited Reference Count:** 2

**Abstract:** Factoring is a financial transaction whereby a business sells its receivables to a third party (a factor) before their maturity day. In fact, it represents a specific mode of crediting which is mostly preferred by small and medium enterprises. There are several forms of factoring practically used. Differentiation is done depending on scale of property and transfer of risk to the factor. The aim of our paper is to describe theoretical background and practical usage of mathematical model of interest rate estimation (factoring with regression) and risk margin estimation (factoring without regression) by using Markov chains.

**Accession Number:** WOS:000327205300053**Language:** Czech**Document Type:** Proceedings Paper**Conference Title:** International Scientific Conference on Knowledge for Market Use - Significance of Knowledge at the Current Phase of Economic Cycle**Conference Date:** SEP 06-07, 2012**Conference Location:** Olomouc, CZECH REPUBLIC**Conference Sponsors:** Evropsky Socialnu Fond, Evropska Unie, Ministerstvo Skolstvi, Mladeze & Telovychovy, OP Vzdelavani Konkurenceschopnost**Author Keywords:** factoring; risk margin; Markov chain**Addresses:** [Vojtekova, Maria; Blazekova, Ol'ga] Zilinska Univ, Katedra Kvantitativnych Metod Hosp Informat FPEDA, Zilina 01026, Slovakia.**E-mail Addresses:** maria.vojtekova@fpedas.uniza.sk; olga.blazekova@fpedas.uniza.sk**Publisher:** SOCIETAS SCIENTIARUM OLOMUCENSIS LI**Publisher Address:** KRIZKOVSKÉHO 10, OLOMOUC, 77900, CZECH REPUBLIC**Web of Science Categories:** Economics; Management**Research Areas:** Business & Economics**IDS Number:** BIB28**ISBN:** 978-80-87533-04-8**Source Item Page Count:** 6



**Record 1 of 1****Title:** Delta and Gamma parameter of the Black model of the futures option pricing**Author(s):** Durica, M (Durica, Marek); Svabova, L (Svabova, Lucia)**Edited by:** Culik M**Source:** MANAGING AND MODELLING OF FINANCIAL RISKS - 6TH INTERNATIONAL SCIENTIFIC CONFERENCE PROCEEDINGS, PTS 1 AND 2 **Pages:** 125-132 **Published:** 2012**Times Cited in Web of Science Core Collection:** 0**Total Times Cited:** 0**Cited Reference Count:** 7**Abstract:** The paper deals with analysis of some parameters of the Black model of the option pricing for options which underlying asset is futures contract. It is necessary to check values of parameters delta and gamma to make portfolio immune to changes in the price of the underlying futures contract in the next interval of time. Typical patterns for the variation of delta and gamma with time to maturity for out-of-the-money, at-the-money, and in-the-money futures options is shown in this paper, too.**Accession Number:** WOS:000317528600013**Language:** Slovak**Document Type:** Proceedings Paper**Conference Title:** 6th International Scientific Conference on Managing and Modelling of Financial Risks**Conference Date:** SEP 10-11, 2012**Conference Location:** Ostrava, CZECH REPUBLIC**Conference Sponsors:** VSB Techn Univ Ostrava, Fac Econom, Finance Dept**Author Keywords:** F Futures option; delta-hedging; delta parameter; gamma parameter**E-mail Addresses:** marek.durica@fpedas.uniza.sk; lucia.svabova@fpedas.uniza.sk**Publisher:** VSB-TECH UNIV OSTRAVA**Publisher Address:** FEECS, DEPT ELECTR POWER ENG, 17. LISTOPADU 15, OSTRAVA, 70833, CZECH REPUBLIC**Web of Science Categories:** Business, Finance; Social Sciences, Mathematical Methods**Research Areas:** Business & Economics; Mathematical Methods In Social Sciences**IDS Number:** BEO23**ISBN:** 978-80-248-2835-0**Source Item Page Count:** 8

**Record 1 of 1****Title:** Asian option pricing**Author(s):** Svabova, L (Svabova, Lucia); Durica, M (Durica, Marek)**Edited by:** Culik M**Source:** MANAGING AND MODELLING OF FINANCIAL RISKS - 6TH INTERNATIONAL SCIENTIFIC CONFERENCE PROCEEDINGS, PTS 1 AND 2 **Pages:** 600-609 **Published:** 2012**Times Cited in Web of Science Core Collection:** 2**Total Times Cited:** 2**Cited Reference Count:** 5

**Abstract:** The paper deals with the determination of selected options prices using various numerical methods the Monte Carlo method, The binomial trees method and Finite difference method and with the comparison of the price fixed by these numerical methods with the price set by an analytical formula. The basis for the price setting of any derivative instrument is the Black - Scholes partial differential equation. In the article we show how to use selected numerical methods for the particular type of Asian options whose underlying asset is a share without dividend. We also present the examples of the application of methods for the particular Asian option with the selected parameters. The results are always compared with the price set directly by the Black - Scholes formula.

**Accession Number:** WOS:000317528600068**Language:** Slovak**Document Type:** Proceedings Paper**Conference Title:** 6th International Scientific Conference on Managing and Modelling of Financial Risks**Conference Date:** SEP 10-11, 2012**Conference Location:** Ostrava, CZECH REPUBLIC**Conference Sponsors:** VSB Techn Univ Ostrava, Fac Econom, Finance Dept**Author Keywords:** European call option; Asian option; The Black - Scholes model; Binomical trees; Monte Carlo method; Finite difference method; Option pricing**E-mail Addresses:** lucia.svabova@fpedas.uniza.sk; marek.durica@fpedas.uniza.sk**Publisher:** VSB-TECH UNIV OSTRAVA**Publisher Address:** FEECS, DEPT ELECTR POWER ENG, 17. LISTOPADU 15, OSTRAVA, 70833, CZECH REPUBLIC**Web of Science Categories:** Business, Finance; Social Sciences, Mathematical Methods**Research Areas:** Business & Economics; Mathematical Methods In Social Sciences**IDS Number:** BEO23**ISBN:** 978-80-248-2835-0**Source Item Page Count:** 10

## Record 1 of 1

**Title:** Delta and Gamma parameter of the Black model of the futures option pricing

**Author(s):** Durica, M (Durica, Marek); Svabova, L (Svabova, Lucia)

**Edited by:** Culik M

**Source:** MANAGING AND MODELLING OF FINANCIAL RISKS - 6TH INTERNATIONAL SCIENTIFIC CONFERENCE PROCEEDINGS, PTS 1 AND 2 **Pages:** 125-132 **Published:** 2012

**Times Cited in Web of Science Core Collection:** 0

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**Abstract:** The paper deals with analysis of some parameters of the Black model of the option pricing for options which underlying asset is futures contract. It is necessary to check values of parameters delta and gamma to make portfolio immune to changes in the price of the underlying futures contract in the next interval of time. Typical patterns for the variation of delta and gamma with time to maturity for out-of-the-money, at-the-money, and in-the-money futures options is shown in this paper, too.

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**Language:** Slovak

**Document Type:** Proceedings Paper

**Conference Title:** 6th International Scientific Conference on Managing and Modelling of Financial Risks

**Conference Date:** SEP 10-11, 2012

**Conference Location:** Ostrava, CZECH REPUBLIC

**Conference Sponsors:** VSB Techn Univ Ostrava, Fac Econom, Finance Dept

**Author Keywords:** F Futures option; delta-hedging; delta parameter; gamma parameter

**E-mail Addresses:** marek.durica@fpedas.uniza.sk; lucia.svabova@fpedas.uniza.sk

**Publisher:** VSB-TECH UNIV OSTRAVA

**Publisher Address:** FEECS, DEPT ELECTR POWER ENG, 17. LISTOPADU 15, OSTRAVA, 70833, CZECH REPUBLIC

**Web of Science Categories:** Business, Finance; Social Sciences, Mathematical Methods

**Research Areas:** Business & Economics; Mathematical Methods In Social Sciences

**IDS Number:** BEO23

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## Record 1 of 1

**Title:** Asian option pricing**Author(s):** Svabova, L (Svabova, Lucia); Durica, M (Durica, Marek)**Edited by:** Culik M**Source:** MANAGING AND MODELLING OF FINANCIAL RISKS - 6TH INTERNATIONAL SCIENTIFIC CONFERENCE PROCEEDINGS, PTS 1 AND 2 **Pages:** 600-609 **Published:** 2012**Times Cited in Web of Science Core Collection:** 2**Total Times Cited:** 2**Cited Reference Count:** 5

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**Abstract:** Basel II attempted to accomplish banks to count adequate capital on loans in dependence on solvency of the borrower. Client rating becomes a decisive criterion for lending and credit risk, probability of default and loss given default have been getting in the center of attention. Our paper presents the calculation of risk margin by application of Markov chains considering the future change of the creditworthiness as a stochastic process. Proposed mathematical model comes out from current credit scoring of loans and simulates rating development in time by using Markov transitional matrix. Our aim is to estimate doubtful accounts and risk margin for the whole scale of ratings. Application of described mathematical model is illustrated by practical example.

**Accession Number:** WOS:000327205300001**Language:** Czech**Document Type:** Proceedings Paper**Conference Title:** International Scientific Conference on Knowledge for Market Use - Significance of Knowledge at the Current Phase of Economic Cycle**Conference Date:** SEP 06-07, 2012**Conference Location:** Olomouc, CZECH REPUBLIC**Conference Sponsors:** Evropsky Socialnu Fond, Evropska Unie, Ministerstvo Skolstvi, Mladeze & Telovychovy, OP Vzdelavani Konkurenceschopnost**Author Keywords:** risk margin; loan; client rating; Markov chain**Addresses:** [Blazekova, Ol'ga; Vojtekova, Maria] Zilinska Univ, Hosp Informat FPEDAS, Katedra Kvantitativnych Metod, Zilina 01026, Slovakia.**E-mail Addresses:** olga.blazekova@fpedas.uniza.sk; maria.vojtekova@fpedas.uniza.sk**Publisher:** SOCIETAS SCIENTIARUM OLOMUCENSIS LI**Publisher Address:** KRIZKOVSKÉHO 10, OLOMOUC, 77900, CZECH REPUBLIC**Web of Science Categories:** Economics; Management**Research Areas:** Business & Economics**IDS Number:** BIB28**ISBN:** 978-80-87533-04-8**Source Item Page Count:** 6

## Record 1 of 1

**Title:** APPLICATION OF MARKOV CHAINS IN FACTORING**Author(s):** Vojtekova, M (Vojtekova, Maria); Blazekova, O (Blazekova, Ol'ga)**Edited by:** Slavickova P**Source:** SBORNIK Z MEZINARODNI VEDECKE KONFERENCE ZNALOSTI PRO TRZNI PRAXI 2012: VYZNAM ZNALOSTI V AKTUALNI FAZI EKONOMICKEHO CYKLU **Pages:** 410-415 **Published:** 2012**Times Cited in Web of Science Core Collection:** 0**Total Times Cited:** 0**Cited Reference Count:** 2

**Abstract:** Factoring is a financial transaction whereby a business sells its receivables to a third party (a factor) before their maturity day. In fact, it represents a specific mode of crediting which is mostly preferred by small and medium enterprises. There are several forms of factoring practically used. Differentiation is done depending on scale of property and transfer of risk to the factor. The aim of our paper is to describe theoretical background and practical usage of mathematical model of interest rate estimation (factoring with regression) and risk margin estimation (factoring without regression) by using Markov chains.

**Accession Number:** WOS:000327205300053**Language:** Czech**Document Type:** Proceedings Paper**Conference Title:** International Scientific Conference on Knowledge for Market Use - Significance of Knowledge at the Current Phase of Economic Cycle**Conference Date:** SEP 06-07, 2012**Conference Location:** Olomouc, CZECH REPUBLIC**Conference Sponsors:** Evropsky Socialnu Fond, Evropska Unie, Ministerstvo Skolstvi, Mladeze & Telovychovy, OP Vzdelavani Konkurenceschopnost**Author Keywords:** factoring; risk margin; Markov chain**Addresses:** [Vojtekova, Maria; Blazekova, Ol'ga] Zilinska Univ, Katedra Kvantitativnych Metod Hosp Informat FPEDA, Zilina 01026, Slovakia.**E-mail Addresses:** maria.vojtekova@fpedas.uniza.sk; olga.blazekova@fpedas.uniza.sk**Publisher:** SOCIETAS SCIENTIARUM OLOMUCENSIS LI**Publisher Address:** KRIZKOVSKÉHO 10, OLOMOUC, 77900, CZECH REPUBLIC**Web of Science Categories:** Economics; Management**Research Areas:** Business & Economics**IDS Number:** BIB28**ISBN:** 978-80-87533-04-8**Source Item Page Count:** 6

## Documents

Čorejová, T., Rostášová, M., Chrenková, A.

**Knowledge biography-Tool for researching the knowledge dynamics**

(2012) *IEEE Global Engineering Education Conference, EDUCON*, art. no. 6201050, .

DOI: 10.1109/EDUCON.2012.6201050

Department of Communications, Faculty of Operation and Economics of Transport and Communications, University of Žilina, 01026 Žilina, Slovakia

### Abstract

The article deals with knowledge biography that is presented as important tool for researching and modelling the process of creation, processing, using and dissemination of knowledge in enterprises. Through biography it is possible not only to analyze the dynamics in enterprise knowledge, but also to understand processes related to knowledge economy in the region. The article gives methodology of knowledge biography and presents example of biography in logistics enterprise. Based on achieved information, in conclusion is created knowledge process map in the enterprise and time-spatial illustration of the knowledge map. © 2012 IEEE.

### Author Keywords

innovation; knowledge biography; knowledge dynamics; knowledge economy; logistics

### Index Keywords

Knowledge economy, Knowledge map, Knowledge process, Logistics enterprise; Dynamics, Engineering education, Innovation, Logistics; Industry

### Correspondence Address

Corejova T.; Department of Communications, Faculty of Operation and Economics of Transport and Communications, University of Žilina, 01026 Žilina, Slovakia; email: tatiana.corejova@fpedas.uniza.sk

**Conference name:** 2012 IEEE Global Engineering Education Conference, EDUCON 2012

**Conference date:** 17 April 2012 through 20 April 2012

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## Record 1 of 1

**Title:** Business Excellence evaluation as the reaction on changes in global business environment**Author(s):** Jankalova, M (Jankalova, Miriam)**Edited by:** Lacob AI; Baskan GA; Uzunboyulu H**Source:** WORLD CONFERENCE ON BUSINESS, ECONOMICS AND MANAGEMENT (BEM-2012) **Book Series:** Procedia Social and Behavioral Sciences **Volume:** 62 **Pages:** 1056-1060 **DOI:** 10.1016/j.sbspro.2012.09.180 **Published:** 2012**Times Cited in Web of Science Core Collection:** 2**Total Times Cited:** 2**Cited Reference Count:** 14

**Abstract:** The global economy bringing globalization strongly influences development trends in individual sectors of the national economy, what is manifested by the fact that successful survival of enterprises in the context of stronger and stronger competition on global markets requires another added value - Business Excellence. The aim of this contribution is to determine whether there is any method (tool, technique), by means of which it would be possible to assess the achieved status of Business Excellence taking into account constant changes of the global business environment. The emphasis is placed on the characterization of the Business Excellence and individual methods currently used for assessing its status. Application of methods of primary and secondary research determined the unwillingness of enterprises to adopt more "unconventional" methods than they have been using so far. (C) Published by Elsevier Ltd. Selection and/or peer review under responsibility of Prof Dr Husevin Arasli (C) 2012 Published by Elsevier Ltd. Selection and/or peer review under responsibility of Prof. Dr. Huseyin Arasli

**Accession Number:** WOS:000319841600175**Language:** English**Document Type:** Proceedings Paper**Conference Title:** World Conference on Business, Economics and Management (BEM)**Conference Date:** MAY 04-06, 2012**Conference Location:** Antalya, TURKEY**Addresses:** [Jankalova, Miriam] Univ Zilina, Zilina 01026, Slovakia.**E-mail Addresses:** miriam.jankalova@fpedas.uniza.sk**Publisher:** ELSEVIER SCIENCE BV**Publisher Address:** SARA BURGERHARTSTRAAT 25, PO BOX 211, 1000 AE AMSTERDAM, NETHERLANDS**Web of Science Categories:** Business; Economics; Management**Research Areas:** Business & Economics**IDS Number:** BFH00**ISSN:** 1877-0428**29-char Source Abbrev.:** PROCD SOC BEHV**Source Item Page Count:** 5



## Record 1 of 1

**Title:** Quantification of Equity and Debt Capital Costs in the Specific Conditions of Transport Enterprises**Author(s):** Lehutova, K (Lehutova, K.); Krizanova, A (Krizanova, A.); Kliestik, T (Kliestik, T.)**Book Group Author(s):** Kaunas Univ Technol Press**Source:** TRANSPORT MEANS 2013 **Book Series:** Transport Means - Proceedings of the International Conference **Pages:** 258-261 **Published:** 2013**Times Cited in Web of Science Core Collection:** 2**Total Times Cited:** 2**Cited Reference Count:** 7

**Abstract:** The article will discuss algorithms, methods and methodology of quantification of capital costs in the specific conditions of transport enterprises. Costs of equity and debt capital will be quantified, on the theoretical background, separately for enterprises operating in the automobile, rail, air and naval transport. Capital costs represent one of the most discussed issues of economic theory and practice. Correct determination of their amount is a necessary prerequisite of efficiency of many business activities. In the professional literature we can find many synonyms for the word capital costs, for instance: opportunity costs, alternative costs, deadweight costs, etc. When valuing the company the term discount rate, which in this case also reflects costs of equity and debt capital, is used. The cost of capital can be seen from three different perspectives: in the assets side of transport enterprises, in the liability side of transport enterprises and in the side of potential investor. Each of these perspectives or points of view shows the cost of capital differently, but all of them deal with the same number. It is logical that the cost of capital should be minimal because only in that case is the market value of the transport enterprise maximal.

**Accession Number:** WOS:000345691500062**Language:** English**Document Type:** Proceedings Paper**Conference Title:** 17th International Conference on Transport Means**Conference Date:** OCT 24-25, 2013**Conference Location:** Kaunas, LITHUANIA**Conference Sponsors:** IFToMM Natl Comm Lithuania, Lithuanian Soc Automot Engineers, Lithuanian Acad Sci, Div Tech Sci, Klaipeda Univ, Vilnius Gediminas Tech Univ**Conference Host:** Kaunas Univ Technol**Author Keywords:** equity; debt capital; transport; CAPM model**Addresses:** [Lehutova, K.; Krizanova, A.; Kliestik, T.] Univ Zilina Zilina, Zilina 01026, Slovakia.**Reprint Address:** Lehutova, K (reprint author), Univ Zilina Zilina, Univ 1, Zilina 01026, Slovakia.**E-mail Addresses:** katarina.lehutova@fpedas.uniza.sk; anna.krizanova@fpedas.uniza.sk; tomas.kliestik@fpedas.uniza.sk**Publisher:** KAUNAS UNIV TECHNOLOGY PRESS**Publisher Address:** K DONELAICIO 73, KAUNAS LT 3006, LITHUANIA**Web of Science Categories:** Transportation Science & Technology**Research Areas:** Transportation**IDS Number:** BB7KQ**ISSN:** 1822-296X**29-char Source Abbrev.:** TRANSP MEANS**Source Item Page Count:** 4

## Documents

Lehutová, K., Križanová, A., Klieštík, T.

**Quantification of equity and debt capital costs in the specific conditions of transport enterprises**

(2013) *Transport Means - Proceedings of the International Conference*, pp. 258-261.

University of Žilina in Žilina, Univerzitná 1, 010 26 Žilina, Slovakia

**Abstract**

The article will discuss algorithms, methods and methodology of quantification of capital costs in the specific conditions of transport enterprises. Costs of equity and debt capital will be quantified, on the theoretical background, separately for enterprises operating in the automobile, rail, air and naval transport. Capital costs represent one of the most discussed issues of economic theory and practice. Correct determination of their amount is a necessary prerequisite of efficiency of many business activities. In the professional literature we can find many synonyms for the word capital costs, for instance: opportunity costs, alternative costs, deadweight costs, etc. When valuing the company the term discount rate, which in this case also reflects costs of equity and debt capital, is used. The cost of capital can be seen from three different perspectives: in the assets side of transport enterprises, in the liability side of transport enterprises and in the side of potential investor. Each of these perspectives or points of view shows the cost of capital differently, but all of them deal with the same number. It is logical that the cost of capital should be minimal because only in that case is the market value of the transport enterprise maximal.

**Author Keywords**

CAPM model; Debt capital; Equity; Transport

**Index Keywords**

Economics, Industry; Business activities, Cost of capital, Debt capital, Economic theories, Equity, Opportunity costs, Potential investors, Transport; Costs

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**Conference code:** 102486

**ISSN:** 1822296X

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## Record 1 of 1

**Title:** Optimization of Transport Routes Based on Graph Theory as a Part of Intelligent Transport Systems**Author(s):** Klietstik, T (Klietstik, T.)**Book Group Author(s):** Kaunas Univ Technol Press**Source:** TRANSPORT MEANS 2013 **Book Series:** Transport Means - Proceedings of the International Conference **Pages:** 308-311 **Published:** 2013**Times Cited in Web of Science Core Collection:** 0**Total Times Cited:** 0**Cited Reference Count:** 9

**Abstract:** Recently, we have witnessed tremendous progress in the field of communication and information technologies. Especially, there are massive use of Internet services, the development of mobile operators' network, navigation satellite system, etc. Logically, therefore, demand for companies providing logistics services of distribution and collection of product, material waste or people, and for companies providing courier or repair services increase constantly. It follows that to survive in a dynamic globalizing economy, in which the implementation of the latest knowledge of science and technology is an everyday necessity, is a problem, but at the same time also a challenge. Companies operating in this sector of economy gradually lose their ability to compete in price and quality, which become more or less only a parameter. So, flexibility, an ability to respond promptly and flexibly to changes in customer requirements, becomes a huge competitive asset. Only those companies that are able to fulfill given requirements, mostly their changes, have a chance to survive. One of the ways how to achieve that task is the implementation of dynamic circular problems based on graph theory to managing practice of companies providing logistics services. In this paper we will define the issue of static circular problems. In the professional literature we can quite often find the term of Travelling Salesman Problem.

**Accession Number:** WOS:000345691500073**Language:** English**Document Type:** Proceedings Paper**Conference Title:** 17th International Conference on Transport Means**Conference Date:** OCT 24-25, 2013**Conference Location:** Kaunas, LITHUANIA**Conference Sponsors:** IFToMM Natl Comm Lithuania, Lithuanian Soc Automot Engineers, Lithuanian Acad Sci, Div Tech Sci, Klaipeda Univ, Vilnius Gediminas Tech Univ**Conference Host:** Kaunas Univ Technol**Author Keywords:** graph theory; travelling salesman problem; logistics services**Addresses:** Univ Zilina Zilina, Zilina 01026, Slovakia.**Reprint Address:** Klietstik, T (reprint author), Univ Zilina Zilina, Univ 1, Zilina 01026, Slovakia.**E-mail Addresses:** tomas.klietstik@fpedas.uniza.sk**Publisher:** KAUNAS UNIV TECHNOLOGY PRESS**Publisher Address:** K DONELAICIO 73, KAUNAS LT 3006, LITHUANIA**Web of Science Categories:** Transportation Science & Technology**Research Areas:** Transportation**IDS Number:** BB7KQ**ISSN:** 1822-296X**29-char Source Abbrev.:** TRANSP MEANS**Source Item Page Count:** 4



## Documents

Klieštík, T.

**Optimization of transport routes based on graph theory as a part of intelligent transport systems**

(2013) *Transport Means - Proceedings of the International Conference*, pp. 308-311.

University of Žilina in Žilina, Univerzitná 1, 010 26 Žilina, Slovakia

**Abstract**

Recently, we have witnessed tremendous progress in the field of communication and information technologies. Especially, there are massive use of Internet services, the development of mobile operators' network, navigation satellite system, etc. Logically, therefore, demand for companies providing logistics services of distribution and collection of product, material waste or people, and for companies providing courier or repair services increase constantly. It follows that to survive in a dynamic globalizing economy, in which the implementation of the latest knowledge of science and technology is an everyday necessity, is a problem, but at the same time also a challenge. Companies operating in this sector of economy gradually lose their ability to compete in price and quality, which become more or less only a parameter. So, flexibility, an ability to respond promptly and flexibly to changes in customer requirements, becomes a huge competitive asset. Only those companies that are able to fulfill given requirements, mostly their changes, have a chance to survive. One of the ways how to achieve that task is the implementation of dynamic circular problems based on graph theory to managing practice of companies providing logistics services. In this paper we will define the issue of static circular problems. In the professional literature we can quite often find the term of Travelling Salesman Problem.

**Author Keywords**

Graph theory; Logistics services; Travelling salesman problem

**Index Keywords**

Graph theory, Industry, Information technology, Logistics, Repair, Traffic control, Traveling salesman problem; Customer requirements, Intelligent transport systems, Internet services, Logistics services, Mobile operators, Navigation-satellite systems, Science and Technology, Travelling salesman problem; Transportation routes

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Klieštík T.; University of Žilina in Žilina, Univerzitná 1, 010 26 Žilina, Slovakia; email: tomas.kliestik@fpedas.uniza.sk

**Sponsors:**

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## Record 1 of 1

**Title:** Description and Quantification of Risks of Intelligent Transport Systems**Author(s):** Buc, D (Buc, D.); Klietlik, T (Klietlik, T.); Krizanova, A (Krizanova, A.)**Book Group Author(s):** Kaunas Univ Technol Press**Source:** TRANSPORT MEANS 2013 **Book Series:** Transport Means - Proceedings of the International Conference **Pages:** 181-184 **Published:** 2013**Times Cited in Web of Science Core Collection:** 0**Total Times Cited:** 0**Cited Reference Count:** 13

**Abstract:** Each business activity and also an individual person face risk every day. But what is risk? People have different attitudes to risk. Natural survival instincts make some people use all possible means to avoid injury or loss. These decisions are not decisions but more of inner instincts of survival. If we move from an individual to an organization, standards and rules become more complex and more formal. When activities become more complex, instinctive and institutional patterns of behaviour forming the basis of personal risk management become inadequate and decisions become more complicated. The theory of risk has been a subject dealt with in many available books by domestic and foreign authors and risk management as such has been a subject of detail research. We can even claim it constitutes an independent part of the theory of economy.

**Accession Number:** WOS:000345691500044**Language:** English**Document Type:** Proceedings Paper**Conference Title:** 17th International Conference on Transport Means**Conference Date:** OCT 24-25, 2013**Conference Location:** Kaunas, LITHUANIA**Conference Sponsors:** IFToMM Natl Comm Lithuania, Lithuanian Soc Automot Engineers, Lithuanian Acad Sci, Div Tech Sci, Klaipeda Univ, Vilnius Gediminas Tech Univ**Conference Host:** Kaunas Univ Technol**Author Keywords:** risk; decisions; uncertainty; investment alternative; undesirability**Addresses:** [Buc, D.; Klietlik, T.; Krizanova, A.] Univ Zilina, Zilina 01026, Slovakia.**Reprint Address:** Buc, D (reprint author), Univ Zilina, Univ 1, Zilina 01026, Slovakia.**E-mail Addresses:** daniel.buc@fpedas.uniza.sk; tomas.klietlik@fpedas.uniza.sk; anna.krizanova@fpedas.uniza.sk**Publisher:** KAUNAS UNIV TECHNOLOGY PRESS**Publisher Address:** K DONELAICIO 73, KAUNAS LT 3006, LITHUANIA**Web of Science Categories:** Transportation Science & Technology**Research Areas:** Transportation**IDS Number:** BB7KQ**ISSN:** 1822-296X**29-char Source Abbrev.:** TRANSP MEANS**Source Item Page Count:** 4



## Documents

Bue, D., Klieštík, T., Križanová, A.

**Description and quantification of risks of intelligent transport systems**

(2013) *Transport Means - Proceedings of the International Conference*, pp. 181-184.

University of Žilina, Univerzitná 1, 010 26 Žilina, Slovakia

**Abstract**

Each business activity and also an individual person face risk every day. But what is risk? People have different attitudes to risk. Natural survival instincts make some people use all possible means to avoid injury or loss. These decisions are not decisions but more of inner instincts of survival. If we move from an individual to an organization, standards and rules become more complex and more formal. When activities become more complex, instinctive and institutional patterns of behaviour forming the basis of personal risk management become inadequate and decisions become more complicated. The theory of risk has been a subject dealt with in many available books by domestic and foreign authors and risk management as such has been a subject of detail research. We can even claim it constitutes an independent part of the theory of economy.

**Author Keywords**

Decisions; Investment alternative; Risk; Uncertainty; Undesirability

**Index Keywords**

Risk management, Risks, Traffic control; Business activities, Decisions, Intelligent transport systems, Uncertainty, Undesirability; Economics

**Sponsors:**

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## Record 1 of 1

**Title:** Evaluation of the Quality Service Criteria of Public Transport**Author(s):** Gogolova, M (Gogolova, M.); Ponisciakova, O (Ponisciakova, O.)**Book Group Author(s):** Kaunas Univ Technol Press**Source:** TRANSPORT MEANS 2013 **Book Series:** Transport Means - Proceedings of the International Conference **Pages:** 322-325 **Published:** 2013**Times Cited in Web of Science Core Collection:** 1**Total Times Cited:** 1**Cited Reference Count:** 10

**Abstract:** The contribution describes the method that evaluates the quality service criteria of public transport in Slovak Republic. The method is designed in accord with the list of criteria for the quality of public passenger transport services from the customer's perspective, which is published in Slovak technical standard STN EN 13816. As the customers do not recognize the quality in such detailed scope as is stated in the list there are selected only certain criteria, which include all eight levels of quality that are listed. The proposed method was applied to public transport in Zilina town in a manner of survey and the results are presented in a matrix of SWOT analysis.

**Accession Number:** WOS:000345691500076**Language:** English**Document Type:** Proceedings Paper**Conference Title:** 17th International Conference on Transport Means**Conference Date:** OCT 24-25, 2013**Conference Location:** Kaunas, LITHUANIA**Conference Sponsors:** IFToMM Natl Comm Lithuania, Lithuanian Soc Automot Engineers, Lithuanian Acad Sci, Div Tech Sci, Klaipeda Univ, Vilnius Gediminas Tech Univ**Conference Host:** Kaunas Univ Technol**Author Keywords:** public transport; quality criteria; matrix of SWOT analysis; survey; importance; satisfaction**Addresses:** [Gogolova, M.; Ponisciakova, O.] Univ Zilina, Zilina 01026, Slovakia.**Reprint Address:** Gogolova, M (reprint author), Univ Zilina, Univ 1, Zilina 01026, Slovakia.**E-mail Addresses:** martina.gogolova@fpedas.uniza.sk; olga.ponisciakova@fpedas.uniza.sk**Publisher:** KAUNAS UNIV TECHNOLOGY PRESS**Publisher Address:** K DONELAICIO 73, KAUNAS LT 3006, LITHUANIA**Web of Science Categories:** Transportation Science & Technology**Research Areas:** Transportation**IDS Number:** BB7KQ**ISSN:** 1822-296X**29-char Source Abbrev.:** TRANSP MEANS**Source Item Page Count:** 4

## Documents

Gogolová, M., Poniščiaková, O.

### **Evaluation of the quality service criterions of public transport**

(2013) *Transport Means - Proceedings of the International Conference*, pp. 322-325.

University of Žilina, Univerzitná 1, 010 26 Žilina, Slovakia

#### **Abstract**

The contribution describes the method that evaluates the quality service criterions of public transport in Slovak Republic. The method is designed in accord with the list of criterions for the quality of public passenger transport services from the customer's perspective, which is published in Slovak technical standard STN EN 13816. As the customers do not recognize the quality in such detailed scope as is stated in the list there are selected only certain criterions, which include all eight levels of quality that are listed. The proposed method was applied to public transport in Žilina town in a manner of survey and the results are presented in a matrix of SWOT analysis.

#### **Author Keywords**

Importance; Matrix of SWOT analysis; Public transport; Quality criterions; Satisfaction; Survey

#### **Index Keywords**

Surveying, Surveys; Importance, Public transport, Quality criterion, Satisfaction, SWOT analysis; Quality control

#### **Sponsors:**

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**Conference code:** 102486

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## Record 1 of 1

**Title:** The Impact of Brand on the Choice of Employer in the Field of Automotive Transport in Slovak Republic

**Author(s):** Gogolova, M (Gogolova, M.); Majerova, J (Majerova, J.)

**Book Group Author(s):** Kaunas Univ Technol Press

**Source:** TRANSPORT MEANS 2013 **Book Series:** Transport Means - Proceedings of the International Conference **Pages:** 33-36 **Published:** 2013

**Times Cited in Web of Science Core Collection:** 0

**Total Times Cited:** 0

**Cited Reference Count:** 5

**Abstract:** Building and managing a stable competitive advantage is the key attribute of the success of the enterprise on the market saturated with competitors under the influence of globalization. Possible way how to achieve this competitive benefit is also to build a brand valuable from the customer's perspective. This is because the brand is in fact a factor that significantly affects the buying decision making of the consumer. The object of this paper is, however, a different perspective on the issue of branding. We are interested in whether during the process of building and managing of brand value arises a significant positive externality - possible preference of its producer as an employer, in addition to the prioritization of product when buying it. In this paper, we present the results of a realized questionnaire survey dedicated to analyze the effects of valuable brand on the choice of employer in automotive industry. We assume that person who is loyal to the brand as a consumer, can be beneficial for the brand as an employee who identify this value built up by a standard marketing branding approach.

**Accession Number:** WOS:000345691500008

**Language:** English

**Document Type:** Proceedings Paper

**Conference Title:** 17th International Conference on Transport Means

**Conference Date:** OCT 24-25, 2013

**Conference Location:** Kaunas, LITHUANIA

**Conference Sponsors:** IFToMM Natl Comm Lithuania, Lithuanian Soc Automot Engineers, Lithuanian Acad Sci, Div Tech Sci, Klaipeda Univ, Vilnius Gediminas Tech Univ

**Conference Host:** Kaunas Univ Technol

**Author Keywords:** brand; branding; employer; employee; employer branding; automotive transport

**Addresses:** [Gogolova, M.; Majerova, J.] Univ Zilina, Zilina 01026, Slovakia.

**Reprint Address:** Gogolova, M (reprint author), Univ Zilina, Univ 8215-1, Zilina 01026, Slovakia.

**E-mail Addresses:** martina.gogolova@fpedas.uniza.sk; jana.majerova@fpedas.uniza.sk

**Publisher:** KAUNAS UNIV TECHNOLOGY PRESS

**Publisher Address:** K DONELAICIO 73, KAUNAS LT 3006, LITHUANIA

**Web of Science Categories:** Transportation Science & Technology

**Research Areas:** Transportation

**IDS Number:** BB7KQ

**ISSN:** 1822-296X

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**Source Item Page Count:** 4

## Documents

Gogolová, M., Majerová, J.

**The impact of brand on the choice of employer in the field of automotive transport in Slovak Republic**  
(2013) *Transport Means - Proceedings of the International Conference*, pp. 33-36.

University of Žilina, Univerzitná 8215/1, 010 26 Žilina, Slovakia

### Abstract

Building and managing a stable competitive advantage is the key attribute of the success of the enterprise on the market saturated with competitors under the influence of globalization. Possible way how to achieve this competitive benefit is also to build a brand valuable from the customer's perspective. This is because the brand is in fact a factor that significantly affects the buying decision making of the consumer. The object of this paper is, however, a different perspective on the issue of branding. We are interested in whether during the process of building and managing of brand value arises a significant positive externality - possible preference of its producer as an employer, in addition to the prioritization of product when buying it. In this paper, we present the results of a realized questionnaire survey dedicated to analyze the effects of valuable brand on the choice of employer in automotive industry. We assume that person who is loyal to the brand as a consumer, can be beneficial for the brand as an employee who identify this value built up by a standard marketing branding approach.

### Author Keywords

Automotive transport; Brand; Branding; Employee; Employer; Employer branding

### Index Keywords

Automotive industry, Competition, Personnel; Automotive transport, Brand, Branding, Employer, Employer branding; Commerce

### Sponsors:

**Publisher:** Kaunas University of Technology

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**Conference code:** 102486

**ISSN:** 1822296X

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**Abbreviated Source Title:** Transp. Means - Proc. Int. Conf.

**Document Type:** Conference Paper

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## Record 1 of 1

**Title:** Measuring the Openness of the Transport Market Through the Rail Liberalization Index

**Author(s):** Majercak, P (Majercak, P.); Majercakova, E (Majercakova, E.)

**Book Group Author(s):** Kaunas Univ Technol Press

**Source:** TRANSPORT MEANS 2013 **Book Series:** Transport Means - Proceedings of the International Conference **Pages:** 54-56 **Published:** 2013

**Times Cited in Web of Science Core Collection:** 0

**Total Times Cited:** 0

**Cited Reference Count:** 1

**Abstract:** This paper deals with a very critical sector of the transport market and it is the rail sector. In recent decades, there is a significant decrease in modal split rail and especially in the freight sector. The problem becomes also the effectiveness and efficiency of the European rail system and the rail transport market openness. The authors of the paper discuss the Rail Liberalization Index (LIB). The authors define the method of determining the LIB Index.

**Accession Number:** WOS:000345691500013

**Language:** English

**Document Type:** Proceedings Paper

**Conference Title:** 17th International Conference on Transport Means

**Conference Date:** OCT 24-25, 2013

**Conference Location:** Kaunas, LITHUANIA

**Conference Sponsors:** IFToMM Natl Comm Lithuania, Lithuanian Soc Automot Engineers, Lithuanian Acad Sci, Div Tech Sci, Klaipeda Univ, Vilnius Gediminas Tech Univ

**Conference Host:** Kaunas Univ Technol

**Author Keywords:** LIB Index; transport; liberalization; rail transport

**Addresses:** [Majercak, P.] Univ Zilina, Dept Econ, Fac PEDAS, Zilina 01026, Slovakia.

**Reprint Address:** Majercak, P (reprint author), Univ Zilina, Dept Econ, Fac PEDAS, Univ 1, Zilina 01026, Slovakia.

**E-mail Addresses:** peter.majercak@fpedas.uniza.sk; eva.majercakova@fpedas.uniza.sk

**Publisher:** KAUNAS UNIV TECHNOLOGY PRESS

**Publisher Address:** K DONELAICIO 73, KAUNAS LT 3006, LITHUANIA

**Web of Science Categories:** Transportation Science & Technology

**Research Areas:** Transportation

**IDS Number:** BB7KQ

**ISSN:** 1822-296X

**29-char Source Abbrev.:** TRANSP MEANS

**Source Item Page Count:** 3

## Documents

Majerčák, P., Majerčáková, E.

### **Measuring the openness of the transport market through the Rail Liberalization Index**

(2013) *Transport Means - Proceedings of the International Conference*, pp. 54-56.

<sup>a</sup> University of Žilina, Faculty PEDAS, Department of Economy, Univerzitná 1, 010 26 Žilina, Slovakia

<sup>b</sup> University of Žilina, Faculty PEDAS, Department of Rail transport, Univerzitná 1, 010 26 Žilina, Slovakia

#### **Abstract**

This paper deals with a very critical sector of the transport market and it is the rail sector. In recent decades, there is a significant decrease in modal split rail and especially in the freight sector. The problem becomes also the effectiveness and efficiency of the European rail system and the rail transport market openness. The authors of the paper discuss the Rail Liberalization Index (LIB). The authors define the method of determining the LIB Index.

#### **Author Keywords**

LIB Index; Liberalization; Rail transport; Transport

#### **Index Keywords**

Railroad transportation, Railroads; Effectiveness and efficiencies, LIB Index, Liberalization, Modal split, Rail systems, Rail transport, Transport, Transport market; Commerce

#### **Sponsors:**

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## Record 1 of 1

**Title:** Internal Audit Compliance with Environmental Standards in Railway Company Cargo Slovakia

**Author(s):** Majercak, P (Majercak, P.); Majercakova, E (Majercakova, E.)

**Book Group Author(s):** Kaunas Univ Technol Press

**Source:** TRANSPORT MEANS 2013 **Book Series:** Transport Means - Proceedings of the International Conference **Pages:** 326-329 **Published:** 2013

**Times Cited in Web of Science Core Collection:** 0

**Total Times Cited:** 0

**Cited Reference Count:** 8

**Abstract:** This paper deals with the high current issues of rail transport market in the Slovak Republic. The authors explain the theoretical concepts of internal audit, and use it in a railway company Cargo Slovakia carry out an audit of compliance with environmental standards.

**Accession Number:** WOS:000345691500077

**Language:** English

**Document Type:** Proceedings Paper

**Conference Title:** 17th International Conference on Transport Means

**Conference Date:** OCT 24-25, 2013

**Conference Location:** Kaunas, LITHUANIA

**Conference Sponsors:** IFToMM Natl Comm Lithuania, Lithuanian Soc Automot Engineers, Lithuanian Acad Sci, Div Tech Sci, Klaipeda Univ, Vilnius Gediminas Tech Univ

**Conference Host:** Kaunas Univ Technol

**Author Keywords:** Cargo Slovakia; wagon; audit; environmental audit

**Addresses:** [Majercak, P.] Univ Zilina, Fac PEDAS, Dept Econ, Zilina 01026, Slovakia.

**Reprint Address:** Majercak, P (reprint author), Univ Zilina, Fac PEDAS, Dept Econ, Univ 1, Zilina 01026, Slovakia.

**E-mail Addresses:** peter.majercak@fpedas.uniza.sk; eva.majercakova@fpedas.uniza.sk

**Publisher:** KAUNAS UNIV TECHNOLOGY PRESS

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**Research Areas:** Transportation

**IDS Number:** BB7KQ

**ISSN:** 1822-296X

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## Documents

Majerčák, P., Majerčáková, E.

**Internal audit compliance with environmental standards in railway company Cargo Slovakia**

(2013) *Transport Means - Proceedings of the International Conference*, pp. 326-329.

<sup>a</sup> University of Žilina, Faculty PEDAS, Department of Economy, Univerzitná 1, 010 26 Žilina, Slovakia

<sup>b</sup> University of Žilina, Faculty PEDAS, Department of Railway Transport, Univerzitná 1, 010 26 Žilina, Slovakia

**Abstract**

This paper deals with the high current issues of rail transport market in the Slovak Republic. The authors explain the theoretical concepts of internal audit, and use it in a railway company Cargo Slovakia carry out an audit of compliance with environmental standards.

**Author Keywords**

Audit; Cargo Slovakia; Environmental audit; Wagon

**Index Keywords**

Management; Audit, Environmental audit, Environmental standards, Rail transport, Railway company, Slovak Republic, Slovakia, Wagon; Regulatory compliance

**Sponsors:**

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**Conference location:** Kaunas

**Conference code:** 102486

**ISSN:** 1822296X

**Language of Original Document:** English

**Abbreviated Source Title:** Transp. Means - Proc. Int. Conf.

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**Title:** Evaluation of the Quality Service Criteria of Public Transport**Author(s):** Gogolova, M (Gogolova, M.); Ponisciakova, O (Ponisciakova, O.)**Book Group Author(s):** Kaunas Univ Technol Press**Source:** TRANSPORT MEANS 2013 **Book Series:** Transport Means - Proceedings of the International Conference **Pages:** 322-325 **Published:** 2013**Times Cited in Web of Science Core Collection:** 1**Total Times Cited:** 1**Cited Reference Count:** 10

**Abstract:** The contribution describes the method that evaluates the quality service criteria of public transport in Slovak Republic. The method is designed in accord with the list of criteria for the quality of public passenger transport services from the customer's perspective, which is published in Slovak technical standard STN EN 13816. As the customers do not recognize the quality in such detailed scope as is stated in the list there are selected only certain criteria, which include all eight levels of quality that are listed. The proposed method was applied to public transport in Zilina town in a manner of survey and the results are presented in a matrix of SWOT analysis.

**Accession Number:** WOS:000345691500076**Language:** English**Document Type:** Proceedings Paper**Conference Title:** 17th International Conference on Transport Means**Conference Date:** OCT 24-25, 2013**Conference Location:** Kaunas, LITHUANIA**Conference Sponsors:** IFToMM Natl Comm Lithuania, Lithuanian Soc Automot Engineers, Lithuanian Acad Sci, Div Tech Sci, Klaipeda Univ, Vilnius Gediminas Tech Univ**Conference Host:** Kaunas Univ Technol**Author Keywords:** public transport; quality criteria; matrix of SWOT analysis; survey; importance; satisfaction**Addresses:** [Gogolova, M.; Ponisciakova, O.] Univ Zilina, Zilina 01026, Slovakia.**Reprint Address:** Gogolova, M (reprint author), Univ Zilina, Univ 1, Zilina 01026, Slovakia.**E-mail Addresses:** martina.gogolova@fpedas.uniza.sk; olga.ponisciakova@fpedas.uniza.sk**Publisher:** KAUNAS UNIV TECHNOLOGY PRESS**Publisher Address:** K DONELAICIO 73, KAUNAS LT 3006, LITHUANIA**Web of Science Categories:** Transportation Science & Technology**Research Areas:** Transportation**IDS Number:** BB7KQ**ISSN:** 1822-296X**29-char Source Abbrev.:** TRANSP MEANS**Source Item Page Count:** 4



## Documents

Gogolová, M., Poniščiaková, O.

**Evaluation of the quality service criterions of public transport**

(2013) *Transport Means - Proceedings of the International Conference*, pp. 322-325.

University of Žilina, Univerzitná 1, 010 26 Žilina, Slovakia

**Abstract**

The contribution describes the method that evaluates the quality service criterions of public transport in Slovak Republic. The method is designed in accord with the list of criterions for the quality of public passenger transport services from the customer's perspective, which is published in Slovak technical standard STN EN 13816. As the customers do not recognize the quality in such detailed scope as is stated in the list there are selected only certain criterions, which include all eight levels of quality that are listed. The proposed method was applied to public transport in Žilina town in a manner of survey and the results are presented in a matrix of SWOT analysis.

**Author Keywords**

Importance; Matrix of SWOT analysis; Public transport; Quality criterions; Satisfaction; Survey

**Index Keywords**

Surveying, Surveys; Importance, Public transport, Quality criterion, Satisfaction, SWOT analysis; Quality control

**Sponsors:**

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**Conference location:** Kaunas

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## Record 1 of 1

**Title:** Application of Controlling in the Management of Transport Companies**Author(s):** Ponisciakova, O (Ponisciakova, O.); Sukalova, V (Sukalova, V.)**Book Group Author(s):** Kaunas Univ Technol Press**Source:** TRANSPORT MEANS 2013 **Book Series:** Transport Means - Proceedings of the International Conference **Pages:** 106-109 **Published:** 2013**Times Cited in Web of Science Core Collection:** 0**Total Times Cited:** 0**Cited Reference Count:** 2

**Abstract:** Management of transport enterprises focuses on many aspects, for example - to manage services they provide, on the property, the value, qualifying and qualifying aspects, on people. Each of the areas requiring using of a adjunctive directional tool. Complexity of managing is increasing therefore we need such adjunctive directional tools. The paper deals with controlling, as a adjunctive directional tool, which the scope extends into different corporate areas, and which ensure the focus and methodological unification so far often separated activities planning, budgeting and accounting in closer mutual cooperation.

**Accession Number:** WOS:000345691500025**Language:** English**Document Type:** Proceedings Paper**Conference Title:** 17th International Conference on Transport Means**Conference Date:** OCT 24-25, 2013**Conference Location:** Kaunas, LITHUANIA**Conference Sponsors:** IFToMM Natl Comm Lithuania, Lithuanian Soc Automot Engineers, Lithuanian Acad Sci, Div Tech Sci, Klaipeda Univ, Vilnius Gediminas Tech Univ**Conference Host:** Kaunas Univ Technol**Author Keywords:** management; transport enterprises; management tools; controlling**Addresses:** [Ponisciakova, O.; Sukalova, V.] Univ Zilina, Dept Econ, Fac Operat & Econ Transport & Commun, Zilina 01026, Slovakia.**Reprint Address:** Ponisciakova, O (reprint author), Univ Zilina, Dept Econ, Fac Operat & Econ Transport & Commun, Univ 1, Zilina 01026, Slovakia.**E-mail Addresses:** olga.ponisciakova@fpedas.uniza.sk; viera.sukalova@fpedas.uniza.sk**Publisher:** KAUNAS UNIV TECHNOLOGY PRESS**Publisher Address:** K DONELAICIO 73, KAUNAS LT 3006, LITHUANIA**Web of Science Categories:** Transportation Science & Technology**Research Areas:** Transportation**IDS Number:** BB7KQ**ISSN:** 1822-296X**29-char Source Abbrev.:** TRANSP MEANS**Source Item Page Count:** 4

## Documents

Pontščiaková, O., Šukalová, V.

### **Application of controlling in the management of transport companies**

(2013) *Transport Means - Proceedings of the International Conference*, pp. 106-109.

University of Žilina, Faculty of Operation and Economics of Transport and Communications, Department of Economics,  
Univerzitná 1, 010 26 Žilina, Slovakia

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#### **Author Keywords**

Controlling; Management; Management tools; Transport enterprises

#### **Index Keywords**

Budget control, Management, Tools; Controlling, Management tool, Methodological unification, Transport companies; Industry

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**Abbreviated Source Title:** Transp. Means - Proc. Int. Conf.

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**Language:** English

**Document Type:** Proceedings Paper

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**Conference Date:** OCT 24-25, 2013

**Conference Location:** Kaunas, LITHUANIA

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**Conference Host:** Kaunas Univ Technol

**Author Keywords:** management; transport enterprises; management tools; controlling

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**Research Areas:** Transportation

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**Title:** The Possibility of Introducing the CRM System in Railway Company Cargo Slovakia**Author(s):** Nadanyiova, M (Nadanyiova, M.)**Book Group Author(s):** Kaunas Univ Technol Press**Source:** TRANSPORT MEANS 2013 **Book Series:** Transport Means - Proceedings of the International Conference **Pages:** 87-92 **Published:** 2013**Times Cited in Web of Science Core Collection:** 1**Total Times Cited:** 1**Cited Reference Count:** 5

**Abstract:** Based on the analysis conducted internal and external environment of Railway Company CARGO Slovakia and the results of marketing research, I found that although the company declares its commitment to moving towards the customer, it is not always sufficiently visible effort in practical operations. In the current market environment is the importance of customer the key for long-term survival of the company successful in the market and it is indisputable necessity for enterprises constantly strive not only to attract new customers, but especially the maintenance and strengthening of cooperation with existing enterprise customers. In carrying out this objective is a very effective tool for effective and targeted communication with customers. And precisely these goals can help businesses realize the implementation of a comprehensive CRM system. This paper deals with motion model of CRM in a Railway Company CARGO Slovakia, focusing primarily on VIP, large and medium-sized customers.

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Nadányiová, M.

**The possibility of introducing the CRM system in Railway Company Cargo Slovakia**

(2013) *Transport Means - Proceedings of the International Conference*, pp. 87-92.

University of Žilina, Faculty of Operation and Economics of Transport and Communications, Univerzitná 1, 010 26 Žilina, Slovakia

**Abstract**

Based on the analysis conducted internal and external environment of Railway Company CARGO Slovakia and the results of marketing research, I found that although the company declares its commitment to moving towards the customer, it is not always sufficiently visible effort in practical operations. In the current market environment is the importance of customer the key for long-term survival of the company successful in the market and it is indisputable necessity for enterprises constantly strive not only to attract new customers, but especially the maintenance and strengthening of cooperation with existing enterprise customers. In carrying out this objective is a very effective tool for effective and targeted communication with customers. And precisely these goals can help businesses realize the implementation of a comprehensive CRM system. This paper deals with motion model of CRM in a Railway Company CARGO Slovakia, focusing primarily on VIP, large and medium-sized customers.

**Author Keywords**

CRM system; Customer; Railway Company CARGO Slovakia

**Index Keywords**

Commerce; CRM systems, Customer, Enterprise customers, External environments, Market environment, Marketing research, Motion modeling, Slovakia; Sales

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**Title:** Conceptions Based on Definition of Business Factors of Successfulness for the Support of Reaching the Excellence of Enterprise Subjects

**Author(s):** Jankalova, M (Jankalova, Miriam)

**Edited by:** Iacob AI

**Source:** WORLD CONGRESS ON ADMINISTRATIVE AND POLITICAL SCIENCES **Book Series:** Procedia Social and Behavioral Sciences **Volume:** 81 **Pages:** 531-535 **DOI:** 10.1016/j.sbspro.2013.06.472 **Published:** 2013

**Times Cited in Web of Science Core Collection:** 0

**Total Times Cited:** 0

**Cited Reference Count:** 11

**Abstract:** Peters and Waterman have started already in the eighties the stage of identifying factors determining the success rate of a business company. The aim of this article is to analyse and select concepts based on defining factors of a business company success rate suitable for achieving the excellence of business subjects. The focus is put to examination and assessment of success rate factors of business subjects in the Slovak Republic including a general description of concepts based on defining factors for success rate of a business company. The application of primary and secondary research methods showed that success rate factors do not lie in monetary values but in non-measurable factors reflecting the rate of innovations, satisfaction of employees and customers and the rate of company liability to the society and so on. (C) 2013 The Authors. Published by Elsevier Ltd. Selection and peer review under the responsibility of Prof. Dr. Andreea Iluzia Iacob.

**Accession Number:** WOS:000323738200094

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**Conference Date:** NOV 28-DEC 01, 2012

**Conference Location:** Antalya, TURKEY

**Conference Sponsors:** Acad World Educ & Res Ctr

**Author Keywords:** Excellence; factor; success; conception

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