

Lista de lucrări

Numele și prenumele: **Illyés László**

A. Teza de doctorat.

Contribuții la conceperea, proiectarea și implementarea unor sisteme de asistare a deciziilor utilizând algoritmi genetici

B. Cărți publicate

1. Elek S., **Illyés L.**, György O., Péter E.K. (2016) *Családi kisgazdaságok Magyarországon és Romániában*, Presa Universitară Clujeană, ISBN - 978-973-595-973-9

C. Lucrări științifice publicate

C1. Lucrări științifice publicate în reviste cotate ISI

C2. Lucrări științifice publicate în reviste indexate în baze de date internaționale (indicați și baza de date).

1. Filep Levente, **Illyés László**, Exact fit problem generator for cutting and packing, revisiting the upper deck algorithm, *Acta Universitatis Sapientiae, Informatica*, Vol. 10,1, 2018, pp. 73–85., DOAJ, EBSCO, Zentralblatt für Mathematics
2. Elek Sándor, György Ottilia, **Illyés László**, Péter Emőke Katalin, An Application of the Fuzzy Method in the Analysis of Family Farms, *JEBR*, Vol. 2016, No 22/2, 2016, ISSN 2068-3537, pp. 116–134., DOAJ, EBSCO, Index Copernicus, ResearchGate
3. **Illyés L.**, Sándor Zs..(2014) *A comparison of Algorithms for Conjoint Choice Designs*, *Acta Univ. Sapientiae, economics and Business*, 2. (2014) 95-108
4. E. K. Péter, **L. Illyés** (2014) *Neural Network Analyses of the Romanian People working in Foreign Country's*, *Journal of Economics and Business Research* No.1, 2014, pp. 21-32. (**DOAJ, EBSCO, INDEX COPERNICUS, SCPIO, EconBiz**)
5. **Illyés, L.** (2010) *Meta Tables, Meta SQL Instructions and Gödel's Theorems of Incompleteness*. *Timisoara Journal of Economics*; Vol 3, No 3(11)
 - a. <http://www.tje.uvt.ro/index.php/tje/article/view/77>
6. **Illyés, L.** (2009) *Cohesion and Balance in a Human Resource Allocation problem*, *Acta Cybernetica*, 19(1):93-103, 2009, - recenzat de **Mathematical Reviews, Computing Reviews** și **Zenterblatt für Mathematics** și indexat de **Scopus** și **DBLP**
7. **Illyés, L.**; Pál, L., (2005) Generalized particular covering problem with genetic algorithms, *AMO—Advanced Modeling and Optimization*, Volume 7, Number 1, 2005, pp.1-7, ISSN-1841-4311 – **Mathematical Reviews (MR 2304343)**, **Zenterblatt für Mathematics (zbl 1160.90636)**
 - a. <http://www.ici.ro/camo/journal/v7n1.htm>

C3. Lucrări științifice publicate în reviste din străinătate (altele decât cele menționate anterior).

1. Péter,E.K. - **Illyés L.**, 2019 - “A helyi értékesítés szerepe Csíkszereda és vonzáskörzetében (The role of local marketing in Csíkszereda and its agglomeration)”Revista.Gazdálkodás, 2019, 3, Agrárgazdasági Kutató Intézet, ISSN.0046-5518, p.204-218

C4. Lucrări științifice publicate în reviste din țară, recunoscute CNCSIS (altele decât cele din baze de date internaționale).

C5. Lucrări științifice publicate în reviste, altele decât cele menționate anterior

C6. Lucrări științifice publicate în volumele manifestărilor științifice

1. **Illyés László**, Péter Emőke-Katalin (2018), To Survive or not to survive-Farms in short supply chains in Harghita County. In: Csata Andrea, Fejér-Király Gergely, Kassay János, Nagy Benedek, Pál László (szerk.): Challenges in the Carpatian Basin, Kolozsvár, Risoprint, 2018, pp. 160–170.
2. Elek S., György O., **Illyés L.**, Péter E. K. (2014), Családi gazdaságok Székelyföldön (egy empirikus kutatás néhány eredménye). In: Sándor-Zsigmond Ibolya Visy Zsolt, eds. *Székely gazdálkodás régen és most*, Molnár István Múzeum, Pécsi Tudományegyetem Pro Énlaka Alapítvány, Gheorgheni, ISBN 978-606-8352-41-1, pp. 93-106
3. Elek S., György O., **Illyés L.**, Péter K. (2012), Önellátás és/vagy árutermelés. In: Fejér-Király G. Lázár E., eds. *Vállalkozói és gazdasági trendek a Kárpát-medencében*, Státus Könyvkiadó, Miercurea Ciuc, ISBN 978-606-8052-76-2 & 3, pp. 317-338
4. **Illyés L.** (2007), Canonical genetic algorithm: model, implementation and framework, In: *Competitiveness and European Integration, Business information system&collaborative support systems in business*, Risoprint, Cluj Napoca, ISBN 978-973-751-597-1, pp. 183-186
5. **Illyés L.** (2007), Balanced Student Groups Forming for University Projects Using Genetic Algorithm, *Informatics in Knowledge Society, the proceedings of the eight international conference on informatics in Economy*, ASE Printing House, ISBN 978-973-594-921-1 pp.554-559
6. **Illyés L.**, (2005), Traveling Salesman Problem with Time Windows Solved with Genetic Algorithms, *Collaborative Support Systems in Business and Education, International Workshop*, Babeş-Bolyai University- Faculty of Economics and Business Administration, Risoprint, Cluj Napoca, ISBN: 973-651-008-9, pp.146-151.
7. **Illyés L.**, Fábíán Cs. B., (2005), “Jigsaw” problem generator for 2D rectangle single large object for non-guillotine and guillotine cutting, *WSCSP2005, Workshop on Cutting Stock Problems 2005*, Alutus Miercurea-Ciuc, ISBN 978-973-7875-28-0 pp.83-90

D. Traduceri de cărți, capitole de cărți, alte lucrări științifice

Illyés, L.; (2008) Permutational operators

b. <http://jgap.sourceforge.net/doc/salesman/TravellingSalesman.html>

E. Editare, coordonare de volume

F. Invenții.

G. Contracte de cercetare (menționați calitatea de director sau membru)

1. **1326/2004-2006 IPC Sapientia:** Rezolvarea problemelor de croire bidimensională în condiții vagi și cu funcții obiectiv multiple cu ajutorul unor algoritmi genetici și evolutivi. – membru

2. **2009-2010 IPC Sapiientia** : Családi gazdaságok Székelyföldön (Economii familiale în secuime) – membru
3. **PN-II-ID-PCE-2012-4-0066/2013-20015 UEFISCDI – CNCS:** Analysis of Consumer Demand: Likelihood-Based Estimation and Applications – membru

J. Citări

K. Alte realizări semnificative.

Participări la conferințe naționale și internaționale

1. Illyés László (2021), Changes in shopping habits during the epidemic. A data minig approach, 15th International Conference on Economics and Business, CHALLENGES IN THE CARPATHIAN BASIN, Global Challenges - Local Answers. Interdependencies or Slobalisation?, Miercurea Ciuc 3-5 june 2021
2. Illyés László (2019), A német autópia elemzése adatbányászati módszerekkel (The analysis of the German automobile market with data-minig tools), „Kárpát-medencei geopolitikai konferencia“ (Geopolitical Conference of the Carpathian Basin), Selye János University, Komarno (Slovakia) 27-29 june 2019
3. Illyés László, Péter Emőke Katalin (2018), To survive or not to survive - farms in short supply chains in Harghita County. 14th Annual International Conference on Economics and Business CHALLENGES IN THE CARPATHIAN BASIN Innovation and technology in the knowledge based economy / 14th Annual International Conference on Economics and Business, Miercurea Ciuc 10-05-2018
4. Illyés László (2018), German Automobile Market and Scrapping Scheme of 2009 – a Machine Learning approach. 14th Annual International Conference on Economics and Business CHALLENGES IN THE CARPATHIAN BASIN Innovation and technology in the knowledge based economy / 14th Annual International Conference on Economics and Business, Miercurea Ciuc 10-05-2018
5. Illyés L. (2016) *About a Hibrid SQL-NoSQL on-line Catalogue for the University Library*, 13th Annual International Conference on Economics and Business – Challenges in the Carpathian Basin, Miercurea Ciuc, 20-22 oct. 2016
6. Illyés L. (2015) Challanges in accounting-based data-structures, 12th Annual International Conference on Economics and Business – Challenges in the Carpathian Basin, Miercurea Ciuc, 5-6 JUNE, 2015
7. Illyés L. (2014), *Algorithms for Conjoint Choice Designs*, International Conference Natura-econ 4, Sfântu Gheorghe, 09 april 2014
8. Illyés L. (2010), Meta Tables, Meta SQL Instructions and Gödel's theorems of incompleteness, *Conferința Teorie, realități și perspective economice în Uniunea Europeană*, Timișoara, 7-8 mai, 2010
9. Illyés L. (2009), Structuri de cromozomi pentru algoritmi genetici, *Conferința Matinfo*, Tirgu Mures, 8 iunie 2009.
10. Illyés L. (2008), Cohesion and balance in a human resource allocation problem, *Conferința internațională CSCS2008 pentru doctoranzi în știința calculatoarelor*, Szeged, 2-5 iulie 2008
11. Illyés L. (2007), Canonical genetic algorithm: model, implementation and framework, Competitiveness and European Integration, Business information system&collaborative support systems in business, Risoprint, Cluj Napoca, ISBN 978-973-751-597-1, pp. 183-186

12. Illyés L. (2007), Balanced Student Groups Forming for University Projects Using Genetic Algorithm, Informatics in Knowledge Society, the proceedings of the eight international conference on informatics in Economy, ASE Printing House, ISBN 978-973-594-921-1 pp.554-559
 13. Illyés L. (2007), Csapatválasztási algoritmusok megoldása Greedy és genetikus algoritmusok segítségével, Marosvásárhelyi minikonferencia
 14. Illyés L. (2006), Grundfoci-csapatválasztás algoritmus, Bolyai Farkas Emlékkonferencia, Sapientia-EMTE Csíkszereda, 2006 november 25-26
 15. Illyés L. (2006), Balanced Groups Forming with Genetic Algorithms, Conferință memorială Tiberiu Popoviciu, Cluj Napoca, octombrie 2006
 16. Illyés L., (2005), Traveling Salesman Problem with Time Windows Solved with Genetic Algorithms, Collaborative Support Systems in Business and Education, International Workshop, Babeş-Bolyai University- Faculty of Economics and Business Administration, Risoprint, Cluj Napoca, ISBN: 973-651-008-9, pp.146-151.
 17. Illyés L., Fábián Cs. B., (2005), "Jigsaw" problem generator for 2D rectangle single large object for non-guillotine and guillotine cutting, WSCSP2005, Workshop on Cutting Stock Problems 2005, Alutus Miercurea-Ciuc, ISBN 978-973-7875-28-0 pp.83-90
 18. Illyés L., (2005), Upper Angle Placement Algorithm with Genetic Approach for 2D Rectangle Knapsack Problem, 2nd ESICUP Meeting, University of Southampton, Southampton, UK 14-16 april 2005
- **Program bibliotecă pentru Universitatea Sapientia, Miercurea Ciuc. (folosit între 2001-2006) Acesta conține următoarele module: modul de introducere date, modul de interogare, modul de întreținere date persoane și împrumut, modul de interogare On-line.**

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* Conform H.G. 1175/ 2006