

Professor Costin-Anton Boiangiu, Ph.D.

List of scientific publications (2000-2016)

Monographs, Book chapters (international publications)

1. **Costin-Anton Boiangiu**, Dan-Cristian Cananau, “Combined Approaches in Automatic Page Clustering for Content Conversion”, chapter in DAAAM International Scientific Book 2009, pp. 289-304, ISSN 1726-9687, ISBN 978-3-901509-69-8 Editor: Branko Katalinic, hard cover, Publisher DAAAM International Vienna, Vienna 2009. Abbreviated key title: DAAAM int. sci. book 2009. (BDI: EBSCO, GoogleScholar) [EBSCO#Ref:48177854]
2. **Costin-Anton Boiangiu**, Dan Cristian Cananau, Andrei-Iulian Dvornic, Andrei-Cristian Spataru, “White-Space Detection Techniques Based on Neighborhood Distance Measurements”, chapter in DAAAM International Scientific Book 2009, pp. 305-314 ISSN 1726-9687, ISBN 978-3-901509-69-8, Editor: Branko Katalinic, hard cover, Publisher DAAAM International Vienna, Vienna 2009. Abbreviated key title: DAAAM int. sci. book 2009, (BDI: EBSCO, GoogleScholar) [EBSCO#Ref:48177855]

Monographs, Book chapters (national publishing house)

1. **Costin-Anton Boiangiu**, Nicolae Tapus – „Three Enhanced Preprocessing Algorithms for Automatic Document Analysis and Content Extraction”, Advances in Engineering: from Theory to Application, pp. 21-27, Co-editors: Ecaterina Andronescu & Corneliu Burileanu, Politehnica Press, ISBN 978-606-515-381-3, Bucuresti 2012 (BDI: OFutureScholar, GoogleScholar) [OFS#Ref:2491958]
2. **Costin-Anton Boiangiu**, Alin Dragos Bogdan Moldoveanu, Bogdan Răducanu, Andrei Cristian Spătaru, “Aplicațiile Moderne ale Geometriei Computaționale”, Printech, București, ISBN 978-606-521-289-3, 214 pages, 2009.
3. **Costin-Anton Boiangiu**, Alin Dragos Bogdan Moldoveanu, Andrei-Iulian Dvornic, Dan-Cristian Cănanău, “Teoria Compresiei Datelor, Imaginilor și Fluxurilor Video”, Printech, București, ISBN 978-606-521-290-9, 175 pages, 2009.
4. Costin Boiangiu, **Costin-Anton Boiangiu**, “Teoria Informației și Managementul Tranziției”, Printech, București, ISBN 978-606-521-286-2, 72 pages, 2009.
5. Costin Boiangiu, **Costin-Anton Boiangiu**, “Informație și Decizie în Managementul Producției Industriale”, Printech, București, ISBN 978-606-521-287-9, 230 pages, 2009.
6. Costin Boiangiu, **Costin-Anton Boiangiu**, “Management Operațional”, Printech, București, ISBN 978-606-521-288-6, 236 pages, 2009.
7. Alin Dragos Bogdan Moldoveanu, Florica Moldoveanu, Victor Asavei, **Costin-Anton Boiangiu**, “Realitatea Virtuală”, Matrix Rom, ISBN: 978-973-755-488-8, 216 pages, 2009.
8. Vasile Lungu, Gheorghe Petrescu, **Costin-Anton Boiangiu**, “Programare în Limbaj de Asamblare – Probleme de Laborator”, Printech, București, ISBN 973-652-858-8, 168 pages, 2003.
9. **Costin-Anton Boiangiu**, „Tehnici Multimedia”, Macarie, „Universitaria” Collection, ISBN 973-8135-92-3, 202 pages, 2002.

10. **Costin-Anton Boiangiu**, „Elemente ale Realității Virtuale”, Macarie, „Universitaria” Collection, ISBN 973-8135-96-6, 142 pages, 2002.

Journal and conference proceedings papers (ISI indexed)

1. **Costin-Anton Boiangiu**, Alexandru Constantin, Diana Deliu, Alina Mirion, Adrian Firculescu, "Balancing Competition and Collaboration in a Mixed Learning Method", International Journal of Education and Information Technologies, ISSN: 2074-1316, Volume 10, 2016, pp. 51-57 (ISI/ESCI) [WOS: 000393520200008] (BDI: Copernicus, GoogleScholar)
2. Costin Boiangiu, **Costin-Anton Boiangiu**, Bogdan-Cristian Negrea, "The Entropy of Transition and Crisis", Journal of Economic Computation and Economic Cybernetics Studies and Research, Issue 2/2016, Vol. 50, pp 179-196, Online ISSN 1842–3264, Print ISSN 0424–267X (ISI) [WOS:000378672500012]
3. **Costin-Anton Boiangiu**, Andrei TIGORA, "Applying Localized Otsu for Watershed Segmented Images", Romanian Journal of Information Science and Technology (ROMJIST), Vol. 17, No. 3, 2014, pp. 219–229, ISSN: 1453-8245, (ISI) [WOS:000356974300001]
4. Costin Anton Boiangiu, Mihai Cristian Tanase, Radu Ioanitescu, "Handwritten Documents Text Line Segmentation based on Information Energy", International Journal Of Computers Communications & Control (IJCCC), Vol 9, No 1, pp. 8-15, 2014, ISSN 1841-9836 (ISI) [WOS:000329600000001]
5. **Costin-Anton Boiangiu**, Alexandru Topliceanu, Ion Bucur - "Efficient Solutions for OCR Text Remote Correction in Content Conversion Systems", Journal of Control Engineering and Applied Informatics (CEAI), Vol. 15, No. 1, pp 22-32, 2013, ISSN 1454-8658 (ISI) [WOS:000316924200003]
6. **Costin-Anton Boiangiu**, Andrei Iulian Dvornic, Dan Cristian Cananau, „Binarization for Digitization Projects Using Hybrid Foreground-Reconstruction", Proceedings of the 2009 IEEE 5th International Conference on Intelligent Computer Communication and Processing (ICCP 2009), Cluj-Napoca, August 27-29, 2009, pp.141-144. (ISI Proceedings, IEEE XPlore) [WOS:000277143300024]
7. **Costin-Anton Boiangiu**, Bogdan Răducanu, Andrei Cristian Spataru, „High-Precision Orientation and Skew Detection for Texts in Scanned Documents", Proceedings of the 2009 IEEE 5th International Conference on Intelligent Computer Communication and Processing (ICCP 2009), Cluj-Napoca, August 27-29, 2009, pp.145-148. (ISI Proceedings, IEEE XPlore) [WOS:000277143300025]
8. **Costin-Anton Boiangiu**, Dan-Cristian Cananau, Serban Petrescu, Alin Moldoveanu, "OCR Post Processing Based on Character Pattern Matching", 20th DAAAM World Symposium, Austria Center Vienna (ACV), 25-28th of November 2009, pp. 141-144, ISBN: 978-3-901509-70-4, ISSN: 1726-9679. (ISI Proceedings) [WOS:000282335600162]
9. **Costin-Anton Boiangiu**, Andrei-Iulian Dvornic, Serban Petrescu, Ion Bucur, "Printing Space Recognition in Document Digitization Projects", 20th DAAAM World Symposium, Austria Center Vienna (ACV), 25-28th of November 2009, pp 325-326, ISBN: 978-3-901509-70-4, ISSN: 1726-9679. (ISI Proceedings) [WOS:000282335600163]
10. **Costin-Anton Boiangiu**, Bogdan Răducanu, Serban Petrescu, Ion Bucur, "Ensure Non-Overlapping in Document Layout Analysis", 20th DAAAM World Symposium, Austria Center

Vienna (ACV), 25-28th of November 2009, pp.327-328, ISBN: 978-3-901509-70-4, ISSN: 1726-9679. (ISI Proceedings) [WOS:000282335600164]

11. **Costin-Anton Boiangiu**, Andrei-Cristian Spataru, Serban Petrescu, Alin Moldoveanu, "Seamless Image-Page Alignment and Rectangular Areas Removal", 20th DAAAM World Symposium, Austria Center Vienna (ACV), 25-28th of November 2009, pp. 329-330, ISBN: 978-3-901509-70-4, ISSN: 1726-9679. (ISI Proceedings) [WOS:000282335600165]
12. Ion Bucur, **Costin-Anton Boiangiu**, Nicolae Constantin, Monica Drăgoicea, Ioana Făgărășan, Adrian Surpățeanu, "On Hard to Detect Bridging Fault", 20th DAAAM World Symposium, Austria Center Vienna (ACV), 25-28th of November 2009, pp. 681-682, ISBN: 978-3-901509-70-4, ISSN: 1726-9679. (ISI Proceedings) [WOS:000282335600341]
13. Ion Bucur, Nicolae Cupcea, Costin Ștefănescu, Cornel Popescu, Adrian Surpățeanu, **Costin-Anton Boiangiu**, "Signal Driven Partitioning Large Circuits", 20th DAAAM World Symposium, Austria Center Vienna (ACV), 25-28th of November 2009, pp. 1121-1122, ISBN: 978-3-901509-70-4, ISSN: 1726-9679. (ISI Proceedings) [WOS:000282335600561]
14. Victor Asavei, Florica Moldoveanu, Alin Moldoveanu, **Costin-Anton Boiangiu**, Ruxandra Marasescu, "Ray Tracing As Multi GPGPU", 20th DAAAM World Symposium, Austria Center Vienna (ACV), 25-28th of November 2009, pp. 1203-1204, ISBN: 978-3-901509-70-4, ISSN: 1726-9679. (ISI Proceedings) [WOS:000282335600602]
15. **Costin-Anton Boiangiu**, Dan Cristian Cananau, Andrei Cristian Spataru, "Detection of Arbitrary-Form Separators Based on Filtered Delaunay Triangulation". Proceedings of the 9th WSEAS International Conference on Automation and Information, Bucharest, Romania, June 24-26, 2008, pp. 442 – 445, ISBN 978-960-6766-77-0, ISSN 1790-5117. (ISI Proceedings, ACM) [WOS:000258497000073]
16. **Costin-Anton Boiangiu**, Andrei Iulian Dvornic. "Bitonal Image Creation for Automatic Content Conversion". Proceedings of the 9th WSEAS International Conference on Automation and Information, Bucharest, Romania, June 24-26, 2008, pp. 454 - 459, ISBN 978-960-6766-77-0, ISSN 1790-5117. (ISI Proceedings, ACM) [WOS:000258497000075]
17. **Costin-Anton Boiangiu**, Bogdan Răducanu. "Robust Line Detection Methods". Proceedings of the 9th WSEAS International Conference on Automation and Information, Bucharest, Romania, June 24-26, 2008, pp. 464 – 467, ISBN 978-960-6766-77-0, ISSN 1790-5117. (ISI Proceedings, ACM) [WOS:000258497000077]
18. **Costin-Anton Boiangiu**, Bogdan Răducanu. "Entity Clustering Using 3D Mesh Simplification". Proceedings of the 9th WSEAS International Conference on Automation and Information, Bucharest, Romania, June 24-26, 2008, pp. 460 – 463, ISBN 978-960-6766-77-0, ISSN 1790-5117. (ISI Proceedings, ACM) [WOS:000258497000076]
19. **Costin-Anton Boiangiu**, Andrei Cristian Spataru, Andrei Iulian Dvornic, Dan Cristian Cananau. "Automatic Text Clustering and Classification Based on Font Geometrical Characteristics". Proceedings of the 9th WSEAS International Conference on Automation and Information, Bucharest, Romania, June 24-26, 2008, pp. 468 – 473, ISBN 978-960-6766-77-0, ISSN 1790-5117. (ISI Proceedings, ACM) [WOS:000258497000078]
20. **Costin-Anton Boiangiu**, Ion Bucur, Andrei Iulian Dvornic. "The Beta-Star Shape Algorithm for Document Clipping". Annals of DAAAM for 2008, Proceedings of the 19th International

DAAAM Symposium, Trnava, Slovakia, October 22-25, 2008, pp. 0127–0128, ISBN 978-3-901509-68-1, ISSN 1726-9679. (ISI Proceedings) [WOS:000262860100063]

21. **Costin-Anton Boiangiu**, Ion Bucur, Andrei Cristian Spataru, "Statistical Approaches Used in Automatic Merge of Scanned Images". Annals of DAAAM for 2008, Proceedings of the 19th International DAAAM Symposium, Trnava, Slovakia, October 22-25, 2008, pp. 0129–0130, ISBN 978-3-901509-68-1, ISSN 1726-9679. (ISI Proceedings) [WOS:000262860100064]
22. **Costin-Anton Boiangiu**, Dan Cristian Cananau. "Combined Approaches in Automatic Page Clustering for Content Conversion". Annals of DAAAM for 2008, Proceedings of the 19th International DAAAM Symposium, Trnava, Slovakia, October 22-25, 2008, pp. 0121-0122, ISBN 978-3-901509-68-1, ISSN 1726-9679. (ISI Proceedings) [WOS:000262860100060]
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24. **Costin-Anton Boiangiu**, Andrei Iulian Dvornic. "Modern Preprocessing Techniques for Automatic Content Conversion Systems". Annals of DAAAM for 2008, Proceedings of the 19th International DAAAM Symposium, Trnava, Slovakia, October 22-25, 2008, pp. 0123–0124, ISBN 978-3-901509-68-1, ISSN 1726-9679. (ISI Proceedings) [WOS:000262860100061]
25. **Costin-Anton Boiangiu**, Bogdan Răducanu. "Effects of Data Filtering Techniques in Line Detection". Annals of DAAAM for 2008, Proceedings of the 19th International DAAAM Symposium, Trnava, Slovakia, October 22-25, 2008, pp. 0125–0126, ISBN 978-3-901509-68-1, ISSN 1726-9679. (ISI Proceedings) [WOS:000262860100062]
26. **Costin-Anton Boiangiu**, Dan Cristian Cananau, Ion Bucur. "Document Layout Analyze Using Hierarchical Processing". Proceedings of the 1st WSEAS Int. Conf. on Visualization, Imaging and Simulation (VIS '08), Bucharest, Romania, November 7-9, 2008, pp. 67 – 71, ISBN 978-960-474-022-2, ISSN 1790-2769. (ISI Proceedings, ACM) [WOS:000264044900011]
27. **Costin-Anton Boiangiu**, Andrei Cristian Spataru, Andrei Iulian Dvornic, Ion Bucur. "Merge Techniques for Large Multiple-Pass Scanned Images". Proceedings of the 1st WSEAS Int. Conf. on Visualization, Imaging and Simulation (VIS '08), Bucharest, Romania, November 7-9, 2008, pp. 72 – 76, ISBN 978-960-474-022-2, ISSN 1790-2769. (ISI Proceedings, ACM) [WOS:000264044900010]
28. Ion Bucur, Ioana Făgărașan, Cornel Popescu, **Costin-Anton Boiangiu**, George Culea, "On K-LUT Based FPGA Optimum Delay and Optimal Area Mapping", Proceedings of the 10th WSEAS International Conference on Mathematical and Computational Methods in Science and Engineering (MACMESE '08), Bucharest, Romania, 7-9 November 2008, pp. 137-142, ISBN 978-960-474-019-2, ISSN 1790-2769. (ISI Proceedings, ACM) [WOS:000262436800035]

Journal and conference proceedings papers (BDI indexed)

1. Mihai Zaharescu, **Costin-Anton Boiangiu**, Ion Bucur, "Blind Image Deblurring Using A Single-Image Source: The State Of The Art", The Proceedings of Journal ISOM, Vol. 11 No. 1 / May 2017 (Journal of Information Systems, Operations Management), pp 17-28, ISSN 1843-4711 (CNCSIS B+/BDI: ProQuest, EBSCO, RePEc, Copernicus, QBE, GoogleScholar)

2. **Costin-Anton Boiangiu**, Luiza Grigoraş, “MRC – The Theory Of Layer-Based Document Image Compression”, The Proceedings of Journal ISOM, Vol. 11 No. 1 / May 2017 (Journal of Information Systems, Operations Management), pp 72-82, ISSN 1843-4711 (CNCSIS B+/BDI: ProQuest, EBSCO, RePEc, Copernicus, QBE, GoogleScholar)
3. Gabriela-Angelica Mihalescu, Alin-Gabriel Gheorghe, **Costin-Anton Boiangiu**, “Teaching Software Project Management: The Collaborative Versus Competitive Approach”, The Proceedings of Journal ISOM, Vol. 11 No. 1 / May 2017 (Journal of Information Systems, Operations Management), pp 96-105, ISSN 1843-4711 (CNCSIS B+/BDI: ProQuest, EBSCO, RePEc, Copernicus, QBE, GoogleScholar)
4. Adelina-Gabriela Chelcea, Alex-Cătălin Filiuta, **Costin-Anton Boiangiu**, “Teaching Software Project Management: The Collaborative Versus Independent Approach”, The Proceedings of Journal ISOM, Vol. 11 No. 1 / May 2017 (Journal of Information Systems, Operations Management), pp 118-127, ISSN 1843-4711 (CNCSIS B+/BDI: ProQuest, EBSCO, RePEc, Copernicus, QBE, GoogleScholar)
5. **Costin-Anton Boiangiu**, Marius-Vlad Cotofana, Alexandru Naiman, Cristian Lambru, “A Generalized Laplacian Pyramid Aimed At Image Compression”, The Proceedings of Journal ISOM, Vol. 10 No. 2 / December 2016 (Journal of Information Systems, Operations Management), pp 327-335, ISSN 1843-4711 (CNCSIS B+/BDI: ProQuest, EBSCO, RePEc, Copernicus, QBE, GoogleScholar)
6. **Costin-Anton Boiangiu**, Radu Ioanitescu, Razvan-Costin Dragomir, “Voting-Based OCR System”, The Proceedings of Journal ISOM, Vol. 10 No. 2 / December 2016 (Journal of Information Systems, Operations Management), pp 470-486, ISSN 1843-4711 (CNCSIS B+/BDI: ProQuest, EBSCO, RePEc, Copernicus, QBE, GoogleScholar)
7. **Costin-Anton Boiangiu**, Ionut-Adrian Nitu, “Automatic Image Resampling Filter Generation”, The Proceedings of Journal ISOM, Vol. 10 No. 2 / December 2016 (Journal of Information Systems, Operations Management), pp 487-502, ISSN 1843-4711 (CNCSIS B+/BDI: ProQuest, EBSCO, RePEc, Copernicus, QBE, GoogleScholar)
8. Iuliana Marin, Naseer Abdulkarim Jaber Al-Habeeb, Nicolae Goga, Andrei Vasileteanu, Ionel-Bujorel Păvăloiu, **Costin-Anton Boiangiu**, „Improved M-Government based on Mobile WiMAX”, Proceedings of CSCS21: The 21st International Conference on Control Systems and Computer Science, 29-31 May 2017, Bucharest, Romania. (ISI Proceedings, IEEE XPlore, GoogleScholar)
9. Ionut-Catalin Draghici, Andrei Vasileteanu, Nicolae Goga, Bujor Păvăloiu, Laurențiu Guță, Monica Mihailescu, **Costin-Anton Boiangiu**, „Indoor positioning system for location based healthcare using trilateration with corrections”, Proceedings of The 23rd ICE/IEEE ITMC International Technology Management Conference, 27-29 June 2017, Madeira, Portugal (IEEE XPlore, GoogleScholar)
10. Costin Anton Boiangiu, Adrian Firculescu, Ion Bucur, “Teaching Software Project Management: The Independent Approach”, The Proceedings of Journal ISOM, Vol. 10 No. 1 / May 2016 (Journal of Information Systems, Operations Management), pp 11-28, ISSN 1843-4711 (CNCSIS B+/BDI: ProQuest, EBSCO, RePEc, Copernicus, QBE, GoogleScholar)
11. Costin Anton Boiangiu, Adrian Firculescu, “Teaching Software Project Management: The Competitive Approach”, The Proceedings of Journal ISOM, Vol. 10 No. 1 / May 2016 (Journal

- of Information Systems, Operations Management), pp 45-50, ISSN 1843-4711 (CNCSIS B+/BDI: ProQuest, EBSCO, RePEc, Copernicus, QBE, GoogleScholar)
12. Costin Anton Boiangiu, Ion Bucur, "Teaching Software Project Management: The Collaborative Approach", The Proceedings of Journal ISOM, Vol. 10 No. 1 / May 2016 (Journal of Information Systems, Operations Management), pp 134-140, ISSN 1843-4711 (CNCSIS B+/BDI: ProQuest, EBSCO, RePEc, Copernicus, QBE, GoogleScholar)
 13. **Costin-Anton Boiangiu**, Adrian Morosan, Marian Stan, "A Fractal World: Building Visually-Rich and Fully-Realistic Natural Environments", International Journal of Mathematics and Computers in Simulation, ISSN: 1998-0159, Volume 10, 2016, pp. 100-111 (BDI: Scopus, Engineering Village, Cobiss, GoogleScholar)
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 15. **Costin-Anton Boiangiu**, Adrian Firculescu, Nicolae Cretu, "Combining Independence and Cooperation as One Anarchic-Style Learning Method", International Journal of Systems Applications, Engineering & Development, ISSN: 2074-1308, Volume 10, 2016, pp. 97-105 (BDI: Inspec, GoogleScholar)
 16. Dragos Moraru, **Costin-Anton Boiangiu**, "On How to Achieve Visual Sensory Substitution", International Journal of Biology And Biomedical Engineering, ISSN: 1998-4510, Volume 10, 2016, pp. 40-46 (BDI: Scopus, Cobiss, Copernicus, GoogleScholar)
 17. **Costin-Anton Boiangiu**, Razvan Oita, Mihai Zaharescu, "Real-Time Specular Highlight Removal Using the GPU", International Journal of Computers, ISSN: 1998-4308, Volume 10, 2016, pp. 25-31 (BDI: Copernicus, GoogleScholar)
 18. Mihai Zaharescu, **Costin-Anton Boiangiu**, Ion Bucur, "A Survey on Document Image Skew Detection", The Proceedings of Journal ISOM Vol. 9 No. 2 / December 2015 (Journal of Information Systems, Operations Management), pp. 367-383, ISSN 1843-4711 (CNCSIS B+/BDI: ProQuest, EBSCO, RePEc, Copernicus, QBE, GoogleScholar)
 19. Gabriela Bajenaru, Ileana Vucicovici, Horea Caramizaru, Gabriel Ionescu, **Costin-Anton Boiangiu**, "Educational Robots", The Proceedings of Journal ISOM Vol. 9 No. 2 / December 2015 (Journal of Information Systems, Operations Management), pp. 430-448, ISSN 1843-4711 (CNCSIS B+/BDI: ProQuest, EBSCO, RePEc, Copernicus, QBE, GoogleScholar)
 20. Stefan Nicolae Tica, **Costin-Anton Boiangiu**, Ion Bucur, "Metallic Coin Analyzer System for Automatic Identification and Classification", The Proceedings of Journal ISOM Vol. 9 No. 2 / December 2015 (Journal of Information Systems, Operations Management), pp 291-308, ISSN 1843-4711 (CNCSIS B+/BDI: ProQuest, EBSCO, RePEc, Copernicus, QBE, GoogleScholar)
 21. Dragos Moraru, **Costin-Anton Boiangiu**, "Seeing Without Eyes: Visual Sensory Substitution", The Proceedings of Journal ISOM Vol. 9 No. 2 / December 2015 (Journal of Information Systems, Operations Management), pp. 408-417, ISSN 1843-4711 (CNCSIS B+/BDI: ProQuest, EBSCO, RePEc, Copernicus, QBE, GoogleScholar)
 22. Florin Manaila, **Costin-Anton Boiangiu**, Ion Bucur – "Super Resolution From Multiple Low Resolution Images", The Proceedings of Journal ISOM Vol. 8 No. 2 / December 2014 (Journal

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23. **Costin-Anton Boianjiu**, Mihai Simion, Vlad Lionte, Zaharescu Mihai – "Voting Based Image Binarization", The Proceedings of Journal ISOM Vol. 8 No. 2 / December 2014 (Journal of Information Systems, Operations Management), pp. 343-351, ISSN 1843-4711 (CNCSIS B+/BDI: ProQuest, EBSCO, RePEc, Copernicus, QBE, GoogleScholar) [EBSCO#Ref:100422661]
 24. Adrian Enache, **Costin-Anton Boianjiu**, "Adaptive Video Transmission Using Residue Octree Cubes.", Computers, Vol. 3, No. 2, 2014, pp. 58-68. (BDI: DBLP, DOAJ, Inspec, EBSCO, GoogleScholar) [InspecByEBSCO#Ref:14453417]
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 26. Andrei Tigora, **Costin-Anton Boianjiu**, "Image Color Reduction Using Iterative Refinement", International Journal of Mathematical Models and Methods in Applied Sciences, Vol. 8, 2014, pp. 203-207, ISSN: 1998-0140 (BDI: Scopus, Engineering Village, Cobiss, Inspec, GoogleScholar)
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 30. Stefan N. Tică, **Costin-Anton Boianjiu**, Andrei Tigora, "Automatic Coin Classification", International Journal of Computers, Vol. 8, 2014, pp. 82-89, ISSN: 1998-4308 (BDI: Copernicus, GoogleScholar)
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 32. **Costin-Anton Boianjiu**, Paul Boglis, Georgiana Simion, Radu Ioanitescu, "Voting-Based Layout Analysis", The Proceedings of Journal ISOM Vol. 8 No. 1 / June 2014 (Journal of Information Systems, Operations Management), pp. 39-47, ISSN 1843-4711 (CNCSIS B+/BDI: ProQuest, EBSCO, RePEc, Copernicus, QBE, GoogleScholar) [EBSCO#Ref:96517004]
 33. **Costin-Anton Boianjiu**, Radu Ioanitescu, "Voting-Based Image Segmentation", The Proceedings of Journal ISOM Vol. 7 No. 2 / December 2013 (Journal of Information Systems, Operations Management), pp. 211-220, ISSN 1843-4711 (CNCSIS B+/BDI: ProQuest, EBSCO, RePEc, Copernicus, QBE, GoogleScholar) [EBSCO#Ref:93299272]

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35. Andreea-Mihaela Pintilie, **Costin-Anton Boiangiu**, "Study Of Neurobiological Images Based On Ontologies Used In Super-Resolution Algorithms", The Proceedings of Journal ISOM Vol. 7 No. 2 / December 2013 (Journal of Information Systems, Operations Management), pp. 300-308, ISSN 1843-4711 (CNCSIS B+/BDI: ProQuest, EBSCO, RePEc, Copernicus, QBE, GoogleScholar) [EBSCO#Ref:93299283]
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List of scientific grants and research contracts (2000-2016)

International grants and contracts

1. CNDC2, California Digital Newspaper Collection – Digitized newspapers, 1880-1910 (<http://cdnc.ucr.edu/>); Grant NEH (National Endowment for the Humanities, <http://www.neh.gov/>) in partnership with Library of Congress in NDNP (National Digital Newspaper Program, <http://www.loc.gov/ndnp/>); Beneficiary: Center for Bibliographical Studies and Research (CBSR, <http://cbsr.ucr.edu/>), University of California, Riverside. Time Period: 2007-2009, <http://www.loc.gov/ndnp/awards/>. Director of “CCS Content Conversion Specialists” research laboratory in UPB
2. MNHS, Minnesota Digital Newspaper Project (<http://www.mnhs.org/collections/projects/ndnp.htm>); Grant NEH (National Endowment for the Humanities, <http://www.neh.gov/>) in partnership with Library of Congress in NDNP (National Digital Newspaper Program, <http://www.loc.gov/ndnp/>); Beneficiary: Minnesota Historical Society (<http://www.mnhs.org/>). Time Period: 2007-2009, <http://www.loc.gov/ndnp/awards/>. Director of “CCS Content Conversion Specialists” research laboratory in UPB
3. BLNP, British Library Newspapers Digitization Project - 1 million pages of historic newspapers; Framework: The British Library "Digital Library Programme" (<http://www.bl.uk/aboutus/stratpolprog/digi/>). Time Period: 10/ 2008-03/ 2009. Director of “CCS Content Conversion Specialists” research laboratory in UPB

4. KBNL, The Koninklijke Bibliotheek (KB, National Library of the Netherlands) - 8 million newspaper pages from historical Dutch national, regional, local and colonial newspapers (1618-1995); Framework: DDD (Koninklijke Bibliotheek "Databank of Digital Daily newspapers", [https:// www.kb.nl/ en/ organisation/ research-expertise/ digitization-projects-in-the-kb/ databank-of-digital-daily-newspapers](https://www.kb.nl/en/organisation/research-expertise/digitization-projects-in-the-kb/databank-of-digital-daily-newspapers)). Financing: "National Programme for Investments in Large-Scale Research Facilities". Time Period: 03/ 2008-03/ 2012. Director of "CCS Content Conversion Specialists" research laboratory in UPB
5. eLuxemburgensia, National Library of Luxembourg digitization project, document image and meta-data for eLuxemburgensia portal ([http:// www.eluxemburgensia.lu](http://www.eluxemburgensia.lu)); Financing: BnL (Bibliothèque nationale de Luxembourg, [http:// www.bn.l.lu/](http://www.bn.l.lu/)). Time Period: 2007-2012. Director of "CCS Content Conversion Specialists" research laboratory in UPB
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8. METAe, The METADATA Engine, Ref: IST-1999-20021 ([http:// meta-e.aib.uni-linz.ac.at/](http://meta-e.aib.uni-linz.ac.at/)); 5th Framework, IST Programme (FP5), "Digital Heritage and Cultural Content" section ([http:// cordis.europa.eu/ fp5/](http://cordis.europa.eu/fp5/)), Time Period: 09/ 2000–10/ 2003.
9. CND1, California Digital Newspaper Collection – Digitized newspapers, 1900-1910 ([http:// cdnc.ucr.edu/](http://cdnc.ucr.edu/)); Grant NEH (National Endowment for the Humanities, [http:// www.neh.gov/](http://www.neh.gov/)) in partnership with Library of Congress in NDNP (National Digital Newspaper Program, [http:// www.loc.gov/ ndnp/](http://www.loc.gov/ndnp/)); Beneficiary: Center for Bibliographical Studies and Research (CBSR, [http:// cbsr.ucr.edu/](http://cbsr.ucr.edu/)), University of California, Riverside. Time Period: 2005-2007, [http:// www.loc.gov/ ndnp/ awards/](http://www.loc.gov/ndnp/awards/).

National grants and contracts (selection)

1. Library cards digitization process for "M. Eminescu" Central University Library Iași. Contract 179/ 19.02.2008; Beneficiary: "M. Eminescu" Central University Library Iași. S.E.A.P. 114023/ 05.02.2008. Time Period: 03/ 2008–09/ 2008. Director of "CCS Content Conversion Specialists" research laboratory in UPB
2. Library cards digitization process for National Library of Romania. Contract nr. 60/ 02.12.2008; Beneficiary: National Library of Romania. S.E.A.P. 182931/ 07.11.2008. Time Period: 11-12/ 2008. Director of "CCS Content Conversion Specialists" research laboratory in UPB
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