

LISTA LUCRĂRILOR PUBLICATE (*PUBLICATIONS*)

Monografii (Monographs: Autor/coautor)

1. M. Florescu, E. Niculescu - Mizil, M.T. Gruiescu, Tr. Ionescu, M. Tertisco, F.D. Lazaroiu, M. Florescu - Balcesti, M.M. Ciochina, A. Gheorghe, A. Davidoviciu, I. Grigoriu, N.Cr. Parvan, M. Guran, N. Gheorghe, D.C.L. Anton, D. Popescu, **F. Filip**, I.Belcea, E. Diatcu (1979). **Cibernetica automatica informatica in industria chimica**. Ed. Tehnica, Bucuresti, 830 p.
2. Guran M., **Filip F.G.** (1986), **Sisteme ierarhizate si in timp real in prelucrarea distributia a datelor**. Ed. Tehnica, Bucuresti, 300 p.
3. Barbat B., **F. Filip F.G.** (1997). **Informatica industrială: ingineria programarii in timp real**. Ed. Tehnica, Bucuresti, ISBN 973-31-1003-7, 286 p.
4. **Filip, F.G.**, B. Barbat (1999). **Informatica industrială ; noi paradigme si aplicatii**. Ed. Tehnica, Bucuresti. , ISBN 973-31-1324-7, 440 p.
5. **Filip, F.G.** (2002). **Decizie asistata de calculator: decizii, decidenti , metode si instrumente de baza**. Ed. Expert si Ed. Tehnica, Bucuresti, ISBN 973-31-2105-3, 344 p. (*Premiul COPY RO pentru Informatica pe 2002*) (http://www.academiaromana.ro/carti/pag_carte_ffilip.htm)
6. **Filip, F.G.** (2004). **Sisteme suport pentru decizii**. Ed. TEHNICA, Bucuresti, ISBN973-31-2232-7,XXI+335p. (http://www.academiaromana.ro/carti/pag_carte_ffilip_sept2004.htm).
7. **Filip F.G.** (2005). **Decizie asistata de calculator: decizii , decidenti, metode de baza si instrumente informatice asociate** ,(Editia doua completata si revizuita a lucrării de la #5), Ed. TEHNICA , Bucuresti, ISBN 973-31-2254-8, XXVIII+376 p. (http://www.academiaromana.ro/carti2005/c0414_ffilip.htm)
8. **Filip, F.G.** (2007). **Sisteme suport pentru decizii**. (Editia II revazuta si adaugita a lucrării de la #6), Ed. TEHNICA, Bucuresti(ISBN978-973-31-2308-8), XI+XIX+372p. (http://www.acad.ro/carti2007/carte07_02FF.htm) .
9. Borne P. ,Popescu D., **Filip F.G.**, Stefanoiu D. (2012). **Optimisation en sciences de l'ingenieur. Methodes Exactes** . Hermes-Lavoisier, Paris, ISBN 978-2-77462-3897-8 (<http://www.lavoisier.fr/livre/electricite-electronique/optimisation-en-sciences-de-l-ingenieur/borne/descriptif-9782746238978>).
10. Borne P., Popescu D. **Filip F.G.**, Stefanoiu D. (2013). **Optimsation in Engeneering Sciences.Exact Methods** iSTE & J. Wiley, London , UK. XIV+312 p., ISBN 9781848214323 (<http://eu.wiley.com/WileyCDA/Section/id-302479.html?query=Floria+G.+Filip>) .
11. Stefanoiu , D., Borne, P., Popescu, D. , **Filip, F.G.**, El Kamel, A. (2014). **Optimisation en science de l'ingénieur ; méthaheuristiques, méthodes stochastiques et aide à la décision**. Hermes Science - Lavoisier, Paris, ISBN 9782746239272, 396 p. (http://books.google.ro/books/about/Optimisation_en_sciences_de_l_ing%C3%A9nieur.html?id=aEjKoAEACAAJ&redir_esc=y).
12. Stefanoiu, Dan , Borne, Pierre , Popescu, Dumitru , **Filip, Florin Gheorghe** , El Kamel, Abdelkader (2014). **Optimization in Engineering Sciences; Approximate and Metaheuristic Methods**, J. Wiley, London, ISBN 978-1-84821-498-9 (<http://www.wiley-vch.de/publish/ew/books/bySubjectEE00/bySubSubjectEE02/1-84821-498-7/?sID=5kulbh56ublda0al5q718mou36>) .

13. **Filip, F. G., Zamfirescu, C. B., & Ciurea, C. (2017). Computer- Supported Collaborative Decision-Making** . Springer International Publishing (<http://link.springer.com/book/10.1007/978-3-319-47221-8>).

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1. Guran M., **Filip F.**, Trandafir I. (coord.) (1995). **25 de ani in informatica: istoria unui institut**. Ed. Publicatii in informatica si conducere, Bucuresti, 68p.
2. **Filip F.**, Guran M. (coord) (1995). **25 de ani in informatica: contributi in cercetare si dezvoltare**. Publicatii in informatica si conducere, Bucuresti, 300 p.
3. Coordonarea traducerii cartii "**Ceva fi; cum vom trai in lumea noua a informatiei**" (de M. Dertouzos), Ed. Tehnica, Bucuresti (2000).
4. **Filip, F.G.**, Dumitrache I., Ilescu S.S. (eds.)(2001). **Large Scale Systems; Theory and Applications**. Preprints of the IFAC/IFORS/IMACS/IFIP Symposium, Bucharest, July 18-20, Informatics and Control Publications, ISBN 973-98407-8-7, 602 p.
5. **Filip, F.G. (Ed.) (2001). Societatea informationala-Societatea cunoasterii; concepte, solutii si strategii pentru Romania**. Ed. Expert, Bucuresti, ISBN 973-8177-42-1, 632 p.
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9. Pascu C., **Filip F.G.** (eds). (2005). **Visions on Information Society Future in An Enlarged Europe**. Editura Academiei Romane, Bucuresti, ISBN973-271199-X, 21 4 p. (http://www.academiaromana.ro/carti2005/c0726_ffilip.htm).
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11. Ioan Dzitac, **Florin Gheorghe Filip**, Misu-Jan Manolescu (eds.) (2006), - **Proceedings of ICCCC 2006, International Journal of Computers, Communications & Control (IJCCC), Vol. I**, supplementary issue, ISSN 1841-9836, 512 p (<http://www.iccc.univagora.ro/?page=publication>).
12. Bologa O. , Dumitrache I., **Filip F.G.** (eds.) (2007) **Preprints , 4th IFAC-MCPL (Management and Control of Production and Logistics)** conference Sibiu, 27-30 September, IFAC Proceedings 40(18) Elsevier (<https://www.sciencedirect.com/journal/ifac-proceedings-volumes/vol/40/issue/18>).
13. **Filip, F.** (coord.), Semenescu A., Mihail, I., Marin , A., Panaitescu , S., Ilie, R., Mazurchievici, A. (2007). **Cum participam cu succes la PC7 al UE. Ghid aplicativ**, ed. II. INID, Bucuresti , ISBN 978-973-0-04889-6, 272 p.

14. Dzitac I., **Filip F.G.**, Manolescu M-J.(eds.) (2008). **Proc. of International Conference on Computers , Communications and Control-ICCC 2008** AGORA Univ. Editing House , Oradea , ISSN 1841-9836, 540 p. (http://www.journal.univagora.ro/?page=supp_issue2008).
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16. Enachescu, C., Iantovics B., **Filip F.G.**, (eds.) (2008). **Advanced Bio-Inspired Computational Methods**. Editura Univ. "Petru Maior", Tg. Mures. ISBN 978-973-7794-77-2.
17. Enachescu, C., Iantovics B., **Filip F. G.** (eds.) (2009). **BICS 2008**. American Institute of Physics. Melville, New York, ISBN 978-0-7354-0654-4 ,234 p. (http://www.academiaromana.ro/carti2009/carte09_02FFilip.htm).
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20. Borne, P., **Filip, F.G.**, Benrejeb, M., Popescu, D. (Editeurs) (2009). **Automatique Avancée et Informatique Appliquée**. Editura Academiei Romane, Bucuresti. ISBN: 9790732718063, 342 p. (http://www.academiaromana.ro/carti2009/carte09_03FFilip.htm).
21. Iantovics, B. L., Enachescu, C., **Filip F.G.** (2009) (eds.). **Complexity and Intelligence of the Artificial and Natural Complex Systems. Medical Applications of the Complex Systems, Biomedical Computing**. IEEE Computer Society, Los Alamitos, CA , ISBN 978-0-7695-3621-7, VIII+258 p.
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27. Dzitac I. **Filip F.G.**, Manolescu M.J. eds. (2016). **Proceedings, 2016 6th International Conference on Computers Communications and Control (ICCCC 2016)**. Institute of Electrical and Electronics Engineers (IEEE), ISBN: 978-1-5090-1736-2 (<http://toc.proceedings.com/30804webtoc.pdf>)
28. **Filip F.G.** (coord.) (2017) **BAR: 150 de ani de existență; 25 de ani de activitate: fapte și oameni** . Editura Academiei Române, 320 pag., ISBN: 978-973-27-2763-8.
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Articole (*Papers*)

A. În reviste (*Journal Papers*)

A1. În reviste internaționale și în limbi străine (*International Journals*)

1. **Filip F.G.** și D.A. Donciulescu (1983). On an on-line direct dynamic coordination method in process industry. **IFAC J. Automatica**, **19**(3) (Pergamon Press), 317-320.
2. **Filip F.G.**, G. Neagu, D. Donciulescu (1983). Jobshop scheduling optimisation in real time production control. **Computers in Industry**, **4**(4) (North Holland), 395-403.
3. **Filip F.G.**, D. Donciulescu, R. Gaspar, M. Muratcea, L. Orasanu (1985). Multilevel optimisation algorithms in computer aided production control in the process industries. **Computer in Industry**, **6**(1) (North Holland), 47-57.
4. **Filip F.G.**, D. Donciulescu, M. Muratcea (1985). A comparison of different coordination control in the process industries. **Advances in Modelling & Simulation**, **4**(1) (AMSE Press, Paris) 41-52.
5. **Filip F.G.**, D. Donciulescu, A. Majaru, Irina Socol, D. Bara (1989). External and conceptual models in DSS. **J. of Syst. Anal. Model. Simul.** **7**(2) (Akademie Verlag, Berlin), 507-512.
6. Guran M., **Filip F.G.**, D. Donciulescu, L. Orasanu (1985). Hierarchical optimisation in computer aided dispatcher system in the process industry. **Large Scale System**, **8** (North Holland), 157-167.
7. **Filip F.G.** (1989). Creativity and Decision Support System **Studies and Researches in Computer and Informatics**, **1**(1) 41-49.
8. **Donciulescu, A.-D., Filip, F.-G (1985)**. DISPECER-H — A decision supporting system in water resources dispatching, **Annual Review in Automatic Programming** (Elsevier) Vol. 12, part. 2
9. **Orasanu, L. Gaspar, R., Filip, F.G.**, (1985) A CAD system of the physical control structure for large scale systems. **Annual Review in Automatic Programming**, (Elsevier), Vol. 12 (January), Part. 1, p. 445-448.

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13. **Filip F.G.** (1990). Review of the book “Engineering Simulation: Tools and Application Using the IBM PC Family (by M. Shah). **Studies and Researches in Computers and Informatics** (new series), **1**(6), 129-130.
14. Donciulescu D., F. Ellis, **F.G. Filip**, P.D. Roberts (1990). An approach to operational production control under uncertainties. **Studies and Researches in Computers and Informatics** (new series), **1**(1), 83-98.

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17. **Filip F.G.** (1991). Review of the book "Analysis and Design of Hierarchical control System with Special Reference to Steel Plant Operations" (Th. Williams, Ed). **Studies and Researches in Computers and Informatics** (new series), **1** (3) 131-132.
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50. **Filip F.G.**(2011). Designing and building modern information systems; A series of decisions to be made. **Computer Science Journal of Moldova**, **vol.19**, no.2(56),119-129.
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Florin Gheorghe Filip