

Papers in journals

1. Borangiu Th., Anton F.D., Anton S, Dogar A. and Răileanu, S., Knowledge-Based Holonic Robot Control of Job Shop Assembling, The Journal of Control Engineering and Applied Informatics CEAI, Vol 8, No 4, Bucharest, pp. 22-31, ISSN 1454-8658
2. Borangiu Th., Ivanescu N., Răileanu S., Rosu A., Anton F.D., Anton S., Dogar A., Dumitrache A., „*Holonic Manufacturing Control with Robot-Vision Part Supply*”, Revista romana a inovarii, anul1, nr. 1, pp.41-43, ISSN 1844-8356, Decembrie 2008
3. Borangiu Th., Răileanu S., Rosu A., Parlea M., Anton S., Anton F. D., Semi-heterarchical distributed control of a holonic manufacturing cell, The Journal of Control Engineering and Applied Informatics- CEAI, Vol. 11, Nr. 2, pp. 14-21, 2009 [ISI Web of Knowledge]
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11. Borangiu Th., Răileanu S., Berger T., Trentesaux D., Switching mode control strategy in manufacturing execution systems, International Journal of Production Research, Volume 53, Issue 7, pp 1950-1963, DOI:10.1080/00207543.2014.935825, ISSN 0020-7543 (Print), 1366-588X (Online), 2015
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13. Morariu O., Morariu C, Borangiu Th., Răileanu S., Smart Resource Allocations for Highly Adaptive Private Cloud Systems, The Journal of Control Engineering and Applied Informatics CEAI, Volume 16, Nr. 3, pp 23-35, ISSN1454-8658, 2014
14. Morariu O., Borangiu Th., Răileanu S., vMES: Virtualization aware manufacturing execution system, Computers in Industry, Volume 67, February 2015, Pages 27–37, doi:10.1016/j.compind.2014.11.003
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2. Borangiu, Th., Tomas Balibrea, L.M., Anton, F.D., Ivanescu, N., Tunaru S., Dogar A. and Răileanu S., Holonic Fault-Tolerant Control of Networked Robot-Vision Assembly Stations, Intelligent Assembly and Disassembly IAD 2007, May 23-25, Alicante, Spain, 2007, [SCOPUS]
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5. Răileanu S., Sallez Y., Berger T., Tahon C., Trentesaux D. (2009). Personal Rapid Transit in Open Control framework. Int. Conf. On Computer & Industrial Engineering, CIE39, DOI: 10.1109/ICCIE.2009.5223753, Troyes, pp. 1016-1021, jully, ISBN 978-1-4244-4136-5, [ISI Web of Knowledge, SCOPUS]
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17. Borangiu, Th., Ceccarelli, M., Anton, F., Anton, S., Răileanu, S., Visual Guidance based on Robot-Object Models, RAAD2012, Italy, Naples, pp. 250-257, 10 - 13 September 2012
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Book chapters

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