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Selected Scholarly Contributions [Data Provided by **SCOPUS**]

[Supervisor localization for large discrete-event systems - Case study production cell](#)

*International Journal of Advanced Manufacturing Technology*, pp. 1-14, 2010. Article in Press.

[On the computation of natural observers in discrete-event systems](#)

*Discrete Event Dynamic Systems: Theory and Applications*, 20 (1), pp. 63-102, 2010.

[Supervisor localization: A top-down approach to distributed control of discrete-event systems](#)

*IEEE Transactions on Automatic Control*, 55 (3), pp. 605-618, 2010.

[Supervisor localization for large-scale discrete-event systems](#)

*Proceedings of the IEEE Conference on Decision and Control*, pp. 3099-3105, 2009.

[Supervisor localization: A top-down approach to distributed control of discrete-event systems](#)

*AIP Conference Proceedings*, 1107, pp. 302-308, 2009.

[A structural approach to the non-blocking supervisory control of discrete-event systems](#)

*International Journal of Advanced Manufacturing Technology*, 41 (11-12), pp. 1152-1168, 2009.

[Discrete-event systems supervisory control for a dynamic flow controller](#)

*IEEE Transactions on Power Delivery*, 24 (1), pp. 219-230, 2009.

[STSLib and its application to two benchmarks](#)

*Proceedings - 9th International Workshop on Discrete Event Systems, WODES' 08*, pp. 119-124, 2008.

[Supervisory control of timed state tree structures](#)

*Proceedings of the American Control Conference*, pp. 477-482, 2008.

[Supervisory control architecture for discrete-event systems](#)

*IEEE Transactions on Automatic Control*, 53 (6), pp. 1449-1461, 2008.

[Systematic supervisory control solutions for under-load tap-changing transformers](#)

*Control Engineering Practice*, 16 (9), pp. 1035-1054, 2008.

[Discrete-event system modeling and supervisory control for under-load tap-changing transformers](#)

*Proceedings of the IEEE International Conference on Control Applications*, pp. 1867-1872, 2007.

[Nonblocking coordination of discrete-event systems by control-flow nets](#)

*Proceedings of the IEEE Conference on Decision and Control*, pp. 3375-3380, 2007.

[Supervisor state size reduction for timed discrete-event systems](#)

*Proceedings of the American Control Conference*, pp. 4280-4284, 2007.

[Designing communicating transaction processes by supervisory control theory](#)

*Formal Methods in System Design*, 30 (2), pp. 117-141, 2007.

[State based control of timed discrete event systems using binary decision diagrams](#)

*Systems and Control Letters*, 56 (1), pp. 62-74, 2007.