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Simulation modeling of sam fuzzy logic controllers

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Abstract

This paper presents an approach to implementing simulation models for SAM fuzzy controllers without the use of external components. The approach represents a fuzzy controller as a composition of simple simulation models which involve only basic operations. © 2010 The Institute of Electronics, Information and Communication Engineers.

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Discrete event system specification; Embedded systems; Fuzzy logic controllers; Modeling & simulation; Standard additive models

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1 ☐ Yu, Y.H., Wainer, G.
       ECD++: An engine for executing DEVS models in embedded platforms
       (2007) *Proc. SCSC*, pp. 323-330.

       [S·F·X]

2 ☐ Wainer, G., Glinsky, E.
       Model-Based Development of Embedded Systems with RT-CD++
       http://www.cs.virginia.edu/rtas04/wip/wip27.pdf

       [S·F·X]

3 ☐ Zeigler, B.P., Kim, T.G., Praehofer, H.
       (2000) *Theory of Modeling and Simulation*. Cited 777 times.
       2nd ed., Academic Press

       [S·F·X]

4 ☐ Shang, H., Wainer, G.A.
       Dynamic structure DEVS: Improving the real-time embedded systems simulation and design
       (2008) *Proceedings - Simulation Symposium*, art. no. 4494429, pp. 271-278. Cited 2 times.
       ISBN: 0769531431; 978-076953143-4
       doi: 10.1109/ANSS-41.2008.19

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5 ☐ *The Free Fuzzy Logic Library*
       http://ffll.sourceforge.net/

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6 ☐ Jamshidi, M., Sheikh-Bahaei, S., Kitzinger, J., Sridhar, P., Xia, S., Wang, Y., Liu, J., (...), Zeigler, B.P.

A distributed intelligent discrete-event environment for autonomous agents simulation
(2003) *Applied System Simulation: Methodologies and Applications*, pp. 241-274.
Springer

S·F·X

7 ☐ Lee, H.Y., Kim, H.J.

Reducing the complexity of DEVS-based mamdani models for enhancing privacy
(2009) *Proc. ISIS*, pp. 281-283.

S·F·X

8 ☐ Mamdani, E.H., Assilian, S.

EXPERIMENT IN LINGUISTIC SYNTHESIS WITH A FUZZY LOGIC CONTROLLER.
(1975) *International Journal of Man-Machine Studies*, 7 (1), pp. 1-13. Cited 1267 times.

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9 ☐ Kosko, B.
(1997) *Fuzzy Engineering*. Cited 479 times.
Prentice Hall

S·F·X

10 ☐ Yen, J., Langari, R.
(1999) *Fuzzy Logic: Intelligence, Control, and Information*. Cited 431 times.
Prentice Hall

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