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Refereed Article

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Integrating Probabilistic and Logical Reasoning

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Abstract: *We examine the vexed question of connections between logical and probabilistic reasoning. The reasons for making such a connection are examined. We give an account of recent work which uses loglinear models to make the connection. We conclude with an analysis of various existing approaches combining logic and probability.*

Publication and review history

1. This work is originally presented at the Machine Intelligence 16 Workshop, 1-3 December, 1998, and the draft paper is presented to the participants.
2. The present article is *advertised* to the MI peer community on November 30, 1999.
3. The present article is *published* by Linköping University Electronic Press on December 30, 1999, and is permanently available at
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4. The article is refereed during January - May, 2000 by the Organizing Committee of the Machine Intelligence workshops, and is accepted for inclusion in the ETAI.
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6. Paper editions of the ETAI issue and the ETAI volume containing this artice are *republished* by the Royal Swedish Academy of Sciences.

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Besides the publication and review history, it contains links for contacting the author(s), as well as to amendments and other related information for the article. It is intended to keep these links up-to-date in the future.

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