

Quinlan, J. R.**Boosting first-order learning.** (English) [Zbl 1184.68423](#)

Arikawa, Setsuo (ed.) et al., Algorithmic learning theory. 7th international workshop, ALT '96, Sydney, Australia, October 23–25, 1996. Proceedings. Berlin: Springer (ISBN 3-540-61863-5/pbk). Lect. Notes Comput. Sci. 1160, 143-155 (1996).

Summary: Several empirical studies have confirmed that boosting classifier-learning systems can lead to substantial improvements in predictive accuracy. This paper reports early experimental results from applying boosting to FFOIL, a first-order system that constructs definitions of functional relations. Although the evidence is less convincing than that for propositional-level learning systems, it suggests that boosting will also prove beneficial for first-order induction.

For the entire collection see [\[Zbl 0856.68009\]](#).

MSC:

[68T05](#) Learning and adaptive systems in artificial intelligence
[68Q32](#) Computational learning theory

Cited in 13 Documents

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