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Resolution games and non-liftable resolution orderings. (English) [Zbl 1044.03506](#)

Pacholski, Leszek (ed.) et al., Computer science logic. 8th workshop, CSL '94, Kazimierz, Poland, September 25-30, 1994. Selected papers. Berlin: Springer-Verlag (ISBN 3-540-60017-5). Lect. Notes Comput. Sci. 933, 279-293 (1995).

Summary: We prove the completeness of the combination of ordered resolution and factoring for a large class of non-liftable orderings, without the need for any additional rules like saturation. This is possible because of a new proof method which avoids making use of the standard ordered lifting theorem. This proof method is based on resolution games.

For the entire collection see [\[Zbl 0847.00048\]](#).

MSC:

[03B35](#) Mechanization of proofs and logical operations

[68T15](#) Theorem proving (deduction, resolution, etc.) (MSC2010)

Cited in **6** Documents