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Reduced Implicate Tries -- A Bottom-Up Approach to Clausal Tableaux -- Differential Dynamic Logic for Verifying Parametric Hybrid Systems -- System Descriptions -- Improvements to the Tableau Prover PITP -- KLMLean 2.0: A Theorem Prover for KLM Logics of Nonmonotonic Reasoning.

Sommario/riassunto	This book constitutes the refereed proceedings of the 16th International Conference on Automated Reasoning with Analytic Tableaux and Related Methods, TABLEAUX 2007, held in Aix en Provence, France. It covers the wide range of logics, from intuitionistic and substructural logics to modal logics (including temporal and dynamic logics), from many-valued logics to nonmonotonic logics, and from classical first-order logic to description logics.