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Bernd I. Dahn, Jürgen Gehne, Thomas Honigmann, Lutz Walther, Andreas Wolf:
Integrating Logical Functions with ILF

Abstract: This is a description of the system *ILF* developed at the Humboldt-University at Berlin. *ILF* is a system that integrates automated theorem provers, proof tactics for interactive deductive systems and models within a graphical user interface. The structure and commands of *ILF* are presented. A special part is devoted to the *TreeViewer* – a part of *ILF* used for visualising directed acyclic graphs, which can be used as a separate programme. We describe the possibilities to extend *ILF* by integrating more interactive and automated deductive systems. The last part describes the *ProofPad* – a sample configuration for editing proofs in the field of lattice ordered groups.