

16.16 CRACK: Solving overdetermined systems of PDEs or ODEs

CRACK is a package for solving overdetermined systems of partial or ordinary differential equations (PDEs, ODEs). Examples of programs which make use of CRACK (finding symmetries of ODEs/PDEs, first integrals, an equivalent Lagrangian or a "differential factorization" of ODEs) are included. The application of symmetries is also possible by using the APPLYSYM package.

Authors: Andreas Brand, Thomas Wolf.