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*Partial and complete linearization of PDEs based on conservation laws*

In the talk a method is described that, based on infinite parameter conservation laws, factors linear differential operators out of nonlinear partial differential equations (PDEs) or out of differential consequences of nonlinear PDEs. This includes a complete linearization to an equivalent linear PDE (-system) if that is possible. Comments are made concerning the computation of infinite parameter conservation with the computer algebra package ConLaw.