

## Variable Separation and Derivative-Dependent Functional Separable Solutions to Generalized KdV Equations

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**Abstract:** Using the generalized conditional symmetry approach, a complete list of canonical forms for the Korteweg de-Vries type equations with which possessing derivative-dependent functional separable solutions (DDFSSs) is obtained. The exact DDFSSs of the resulting equations are explicitly exhibited.

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Key words: variable separation, conditional symmetry, KdV-type equation

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