## Painlevé Analysis for Supersymmetric Extensions of the Sawada-Kotera Equation

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In this paper, Painlevé analysis of supersymmetric extensions of the Sawada-Kotera (SK) equation is performed. It is shown that only two simple supersymmetric extensions of the Sawada-Kotera equation pass the Painlevé test. One of them was proposed by Tian and Liu, the other one is a Bextension of the SK equation.

*Key words:* Supersymmetric Sawada-Kotera Equation; Supersymmetric Extension; Painlevé Analysis.