An application for time-fractional K(m,m) model equations by symmetry method

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Abstract: In this work we consider the $K(m,m)$ model equations with time-fractional derivative [1]. We apply Lie symmetry group method for this equations, find infinitesimal operators and some exact solutions [3 - 5]. Also, we investigate conservation laws of this equations.

Keywords: Lie symmetry group, fractional derivative, conservation laws.

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