

Sonya Kowalevsky and Emmy Noether

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In this talk I will present fates and theorems of two important female mathematicians of the second half of 19th and the first half of the 20th century, Sonya Kowalevsky and Emmy Noether. Firstly I will mention their life stories with stress to their mathematical career and then I will describe their theorems from the area of differential equations and from the calculus of variations, which made them famous. The theorems will be presented on the background of the historical context, in which the theorems arised.

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