

Rolle Type Inequality

Mihail Hamamdjiev^{*}, Milen Ivanov[†], Nadia Zlateva[‡]

We establish a multivalued Rolle type inequality using the Long Orbit or Empty Value (LOEV) principle. We also discuss extensions to the second order case.

^{*}Faculty of Mathematics and Informatics, Sofia University, mihailh@fmi.uni-sofia.bg

[†]Radiant Life Technologies Ltd, Nicosia, Cyprus, milen@radiant-life-technologies.com

[‡]Faculty of Mathematics and Informatics, Sofia University, zlateva@fmi.uni-sofia.bg