New Multirectional Mean Value Inequality

Mihail Hamamdjiev, Milen Ivanov

Faculty of Mathematics and Informatics, Sofia University "St. Kliment Ohridski" 5, J. Bourchier Blvd, 1164 Sofia, Bulgaria m_hamamdjiev@abv.bg, milen@fmi.uni-sofia.bg

 ${\bf Keywords:} \ {\rm multidirectional, \ inequality, \ Clarke-Ledyaev}$

We establish new and stronger inequality of Clarke-Ledyaev type by direct construction.