ASYMPTOTIC BEHAVIOR OF INTERMEDIATE POINTS IN CERTAIN MEAN VALUE THEOREMS

TIBERIU TRIF

Abstract. The paper deals with asymptotic behavior of intermediate points in certain mean value theorems: the Cauchy–Taylor mean value theorem, a generalization due to I. Pawlikowska of Flett’s mean value theorem, and a Cauchy version of Pawlikowska’s mean value theorem.


Key words and phrases: Mean value theorems, asymptotic approximations, asymptotic expansions.

REFERENCES