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## About some mean-value theorems

OVIDIU T. POP

ABSTRACT. Is this note we will demonstrate a mean-value theorem (Theorem 3), from which through several particularizations, we will obtain the mean-value theorem of Dimitrie Pompeiu and the mean-value theorem of Mircea Ivan. We will also give a geometrical interpretation of Theorem 3.

NATIONAL COLLEGE "MIHAI EMINESCU" MIHAI EMINESCU 5, 440014 SATU MARE, ROMANIA E-mail address: ovidiutiberiu@yahoo.com