Approximate multi-Jensen and multi-quadratic mappings in 2-Banach spaces

Krzysztof Ciepliński and Tian Zhou Xu


Acknowledgement. The second author was supported by the National Natural Science Foundation of China (11171022).

References


Received: 30.04.2012; In revised form: 03.10.2012; Accepted: 12.12.2012
2010 Mathematics Subject Classification. 39B82.
Key words and phrases. Stability, multi-Jensen mapping, multi-quadratic mapping, linear 2-normed space.
Corresponding author: Krzysztof Ciepliński; kc@up.krakow.pl

PEDAGOGICAL UNIVERSITY
INSTITUTE OF MATHEMATICS
PODCHORĄŻYCH 2, 30-084, KRAKÓW, POLAND
E-mail address: kc@up.krakow.pl

BEIJING INSTITUTE OF TECHNOLOGY
SCHOOL OF MATHEMATICS
100081, BEIJING, P.R. CHINA
E-mail address: xutianzhou@bit.edu.cn