

CARPATHIAN J. MATH.
19 (2003), No. 2, 155 - 160

On the stability of Picard and Mann iteration processes

CHRISTOPHER O. IMORU and MEMUDU O. OLATINWO

ABSTRACT. In this paper, we establish some stability results for the Picard and Mann iteration processes considered in metric and normed linear spaces respectively. We employ the same method as in Berinde [1], but using a more general contractive definition than those in Berinde [1], Rhoades [7], Harder and Hicks [4], and Osilike [8].

OBAFEMI AWOLOWO UNIVERSITY
DEPARTMENT OF MATHEMATICS
IFE-IFE, NIGERIA
E-mail address: molaposi@yahoo.com