

**A HALLEY-AITKEN TYPE METHOD FOR
APPROXIMATING
THE SOLUTIONS OF SCALAR EQUATIONS**

Ion PĂVĂLOIU

Abstract. The paper is concerned with approximation of the solutions of scalar equation by an iterative method of Halley-Aitken type. The local convergence and error bounds are discussed

MSC: 65H05, 65D15

Keywords: Halley iterative method, Newton iterative method, Aitken iterative method, convergence