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Ahmad, B.^a , Khan, R.A.^b , Sivasundaram, S.^c K-th order monotone iterative scheme for boundary value problems associated with second order nonlinear functional differential equations

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Abstract

The method of quasilinearization, coupled with the method of upper and lower solutions, is applied to a nonlinear second order boundary value problem associated with a functional differential equation to obtain a sequence of approximate solutions converging monotonically and rapidly to a unique solution of the problem. © Dynamic Publishers, Inc.

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