

Alsaedi, A.

**Unilateral monotone iteration scheme for a forced duffing equation with periodic boundary conditions**

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Department of Mathematics, Faculty of Science, King Abdul Aziz University, P.O. Box. 80257, Jeddah 21589, Saudi Arabia

**Abstract**

In this paper, we apply the generalized quasilinearization technique to a forced Duffing equation with periodic boundary conditions and obtain a monotone sequence of approximate solutions converging quadratically to the unique solution of the problem.

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