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Monotone iterative technique for boundary value problems of a nonlinear fractional differential equation with deviating arguments

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MSC Classification: 65L10

Keywords: monotone iterative technique; boundary value problems; nonlinear fractional differential equation; deviating arguments

Review text:

The author considers a nonlinear fractional differential equation with deviating arguments. A method of upper and lower solutions and the monotone iterative technique is used to prove constructive existence results for the problem under consideration. Some useful example is presented to illustrate the method considered by the author.

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