

journal of inequalities in pure and applied mathematics



Volume 6, Issue 2, Article 42

	A Numerical Method in Terms of the Third Derivative for a Delay Integral Equation from Biomathematics
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Keywords:	Delay Integral Equation, Successive approximations, Perturbed trapezoidal quadrature rule.
Date Received:	02/03/03
Date Accepted:	01/03/05
Subject Codes:	Primary 45D05; Secondary 65R32, 92C60.
Editors:	Sever S. Dragomir,
Abstract:	This paper presents a numerical method for approximating the positive, bounded and smooth solution of a delay integral equation which occurs in the study of the spread of epidemics. We use the cubic spline interpolation and obtain an algorithm based on a perturbed trapezoidal quadrature rule.
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