

Modifications Of Homotopy Analysis Method For Differential Equations

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MODIFICATIONS OF HOMOTOPY ANALYSIS METHOD FOR DIFFERENTIAL ...

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modifications of homotopy analysis method for differential equations modifications of homotopy analysis method for differential equations - title ebooks ...

APPLICATION OF HOMOTOPY ANALYSIS METHOD FOR SOLVING ...

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application of homotopy analysis method for solving various types of ... homotopy analysis method, partial differential equation, linear, homogeneous, linear, non

HOMOTOPY ANALYSIS METHOD - WIKIPEDIA

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the homotopy analysis method ... the homotopy analysis method is also able to combine with other techniques employed in nonlinear differential equations such as ...

APPLICATIONS OF LAPLACE HOMOTOPY ANALYSIS METHOD FOR ...

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applications of laplace homotopy analysis method for ... lham for fractional partial differential equations. ... nonlinear equations is homotopy analysis method ...

HOMOTOPY ANALYSIS METHOD FOR SYSTEMS OF FRACTIONAL INTEGRO ...

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... based on the homotopy analysis method ... iteration method to nonlinear differential equations of ... suitable modifications in the concept of roche ...

MODIFIED HOMOTOPY ANALYSIS METHOD FOR NONLINEAR FRACTIONAL ...

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modified homotopy analysis method for nonlinear ... to solve nonlinear fractional partial differential equations. this method is called the fractional ...

A NEW MODIFIED HOMOTOPY PERTURBATION METHOD WITH TWO FREE ...

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a new modified homotopy perturbation method with two free ... and homotopy analysis methods for the studied ... differential equations is ...

APPLICATIONS OF HOMOTOPY ANALYSIS TRANSFORM METHOD FOR ...

Mon, 08 May 2017 03:20:00 GMT

applications of homotopy analysis transform method ... case of homotopy analysis transform method $=-1$... differential equations.

APPLICATIONS OF HE'S HOMOTOPY PERTURBATION METHOD TO ...

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applications of he's homotopy perturbation method to obtain second-order approximations of ... homotopy analysis method ... equation using modifications of homotopy ...

VOL. 6, ISSUE 4, APRIL 2017 APPLICATION OF HOMOTOPY ...

Fri, 12 May 2017 15:47:00 GMT

homotopy analysis method applied successfully on this type of problems. numerical ... we consider the following differential equations, 0 ...

A SPECTRAL?HOMOTOPY ANALYSIS METHOD FOR HEAT TRANSFER FLOW ...

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international journal of numerical methods ... modification of the homotopy analysis method is a ... analysis method to nonlinear differential equations: ...

CONSTRUCTION OF ANALYTICAL SOLUTIONS TO FRACTIONAL ...

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construction of analytical solutions to fractional differential equations using homotopy analysis method ...

ON A BIVARIATE SPECTRAL HOMOTOPY ANALYSIS METHOD FOR ...

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a bivariate spectral homotopy analysis method ... is extended to solutions of systems of nonlinear coupled partial differential equations (pdes). the method has been ...

APPLICATIONS OF HOMOTOPY ANALYSIS TRANSFORM METHOD FOR ...

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applications of homotopy analysis transform method for ... for solving various nonlinear equations. ... a new modification of the homotopy perturbation ...

ON LEGENDRE POLYNOMIAL APPROXIMATION WITH THE VIM OR HAM ...

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the variational iteration method and the homotopy analysis method, ... homotopy analysis method; legendre ... methods for fractional differential equations have ...

ANALYTICAL SOLUTIONS OF CONVECTION-DIFFUSION PROBLEMS BY ...

Fri, 12 May 2017 09:34:00 GMT

... types of partial differential equations the approximate ... analysis of the method. the hptm is a ... homotopy perturbation method and homotopy analysis ...

A NEW APPROXIMATION TO THE LINEAR MATRIX EQUATION $AX = B$...

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a new approximation to the linear matrix equation ... a new approximation to the linear matrix ... (2015) application of different $h(x)$ in homotopy analysis methods ...

A NEW MODIFIED HOMOTOPY PERTURBATION METHOD WITH TWO FREE ...

Thu, 19 Jan 2017 09:32:00 GMT

a new modified homotopy perturbation method with two free auxiliary parameters for solving mhd viscous flow ... hpm for solving nonlinear differential equations.

APPROXIMATE SOLUTIONS FOR THE COUPLED NONLINEAR EQUATIONS ...

Thu, 27 Apr 2017 00:41:00 GMT

homotopy analysis method in solving partial differential equations. mathematics subject classification: 58b05 keywords: ...

A NEW APPROXIMATION TO THE LINEAR MATRIX EQUATION $AX = B$...

Sun, 07 May 2017 07:03:00 GMT

on the application of homotopy perturbation method to differential equations: ... a new modification of the homotopy ... $h(x)$ in homotopy analysis methods for ...

ON INVARIANT ANALYSIS OF SOME TIME FRACTIONAL NONLINEAR ...

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... fractional differential equations, to methods of ... “caputo-type modification of the ...
//doi/10.1016/jc.2006.05.004 homotopy analysis method ...

HOMOTOPY ANALYSIS METHOD IN NONLINEAR DIFFERENTIAL EQUATIONS

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buy homotopy analysis method in nonlinear differential equations on ... method in nonlinear differential equations on amazon ... homotopy analysis method ...

SOLVING NONLINEAR BOUNDARY VALUE PROBLEMS USING THE ...

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homotopy analysis method ... the problems include ordinary and partial differential equations. lately, this method was employed by several authors to solve ...

HOMOTOPY ANALYSIS METHOD FOR SECOND-ORDER ... - SCRIBD

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hindawi publishing corporation. ... equations by homotopy analysis method,” computers ... to fractional differential equations using homotopy analysis ...

HOMOTOPY ANALYSIS METHOD FOR SECOND-ORDER BOUNDARY VALUE ...

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... means of the homotopy analysis method ... discrete dynamics in nature and society is to ... differential equations by homotopy analysis method ...

EFFICIENT COMPUTATIONAL ALGORITHMS FOR SOLVING ONE CLASS ...

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... homotopy analysis and optimal homotopy analysis methods for ... efficient computational algorithms for solving one ... method for delay differential equations ...

A COMBINATION OF TWO SEMI-ANALYTICAL METHOD CALLED ...

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keywords: partial differential equations; homotopy analysis method (ham); polydisperse fuel spray 1. ... (1998), with homotopy analysis methods (ham) ...

LAPLACE TRANSFORM-HOMOTOPY PERTURBATION METHOD AS A ...

Wed, 28 Aug 2013 23:54:00 GMT

this article proposes laplace transform-homotopy ... a new study between homotopy analysis method and homotopy ... method to partial differential equations.

AN ANALYTICAL STUDY ON FRACTIONAL FOKKER-PLANCK EQUATION ...

Thu, 09 Jul 2015 23:50:00 GMT

an analytical study on fractional fokker-planck equation by homotopy analysis transform method ... nonlinear fractional differential equations and having less ...

MODIFICATION OF A METHOD FOR SOLVING THE MULTIPARAMETER ...

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modification of a method for solving the multiparameter eigenvalue problem for systems of loosely coupled ordinary differential equations.