



- > MainPage
- > About College
- > Files
- > Researches
- > Courses
- > Favorite Links
- > Our Contacts

Visits Of this Page: 32



Research Details :

Research Title	: <u><i>Analytical and Numerical Treatment of the Burger-Fisher Equation</i></u> <u>المعالجة التحليلية والعددية لمعادلة بيرجر فيشر</u>
Descriptipn	: In this thesis modeling of Burgers equation, Fishers equation and finally generalized Burger-Fisher equation is discussed. Analytical and numerical methods to solve this equation by other authors have been quoted. Galerkin method is used to solve this equation. Efficient, accurate and well-conditioned algorithms are developed and implemented. Numerical results shows that Galerkin method gives better convergence which has also been proved analytically. Remarks have been given to attempt Galerkin method on the higher dimensions of this equation
Research Type	: Master
Research Year	: 2008
Publisher	: KAAU
Supervisor	: د.أرشد بن محمود يونس .د.لؤي بن أحمد وزان
Added Date	: Wednesday, June 11, 2008

Researchers :

Researcher Name (Arabic)	Researcher Name (English)	Researcher Type	Degree	Email
تركي بن جميل مبارك القرشي		Researcher		.