

## Special Issue on Splitting Methods for Differential Equations

The *International Journal of Computer Mathematics* will publish a special issue on SPLITTING METHODS FOR DIFFERENTIAL EQUATIONS with Guest Editors Q. Sheng (Baylor University) and A.Q.M. Khaliq (Middle Tennessee State University). The Journal's web-page can be found at

[www.tandf.co.uk/journals/titles/00207160.asp](http://www.tandf.co.uk/journals/titles/00207160.asp)

Different splitting methods have played important rôles in the numerical solution of differential equations. Since the pioneer work on ADI and exponential splitting formulae, many new concepts and strategies have been developed and utilized. Splitting methods associated with finite differences, finite elements or adaptations have been used widely and have been shown to have powerful capabilities in solving different differential equation problems in various applications. The aim of this special issue is to highlight the new developments in the area. It will contain articles presenting the latest trends and research results in topics including, but not limited to:

**splitting for higher efficiency and accuracy**

**splitting for non-linear differential equations**

**stability and convergence of splitting methods**

**iterative and adaptive splitting methods**

**splitting methods in parallel and quantum computations**

Research papers are solicited for this special issue. Each submitted paper should be between 10 and 16 pages and will be refereed according to IJCM policies, see URL:

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Qin Sheng  
Department of Mathematics  
Baylor University  
One Bear Place  
Waco, TX 76798-7328, USA  
Email: [qin\\_sheng@baylor.edu](mailto:qin_sheng@baylor.edu)  
URL: [http://www.baylor.edu/~Qin\\_Sheng/](http://www.baylor.edu/~Qin_Sheng/)

Abdul Q. M. Khaliq  
Department of Mathematical Sciences  
Box # 34  
Middle Tennessee State University  
Murfreesboro, TN 37132, USA  
Email: [akhaliq@mtsu.edu](mailto:akhaliq@mtsu.edu)  
URL: <http://www.mtsu.edu/~akhaliq>

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