Accepted Manuscript

Delayed Over-Relaxation for iterative methods

M. Antuono, G. Colicchio

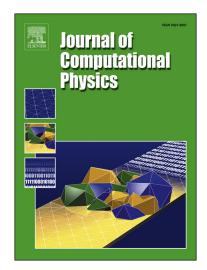
PII: S0021-9991(16)30241-8

DOI: http://dx.doi.org/10.1016/j.jcp.2016.06.016

Reference: YJCPH 6677

To appear in: Journal of Computational Physics

Received date: 29 July 2015 Revised date: 6 June 2016 Accepted date: 8 June 2016



Please cite this article in press as: M. Antuono, G. Colicchio, Delayed Over-Relaxation for iterative methods, *J. Comput. Phys.* (2016), http://dx.doi.org/10.1016/j.jcp.2016.06.016

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

Highlights

- We propose a variant of the relaxation step for iterative solvers.
 This variant improves the convergence for matrices with real eigenvalues.
 The proposed scheme profitably applies to elliptic problems.

Download English Version:

https://daneshyari.com/en/article/6929836

Download Persian Version:

https://daneshyari.com/article/6929836

<u>Daneshyari.com</u>