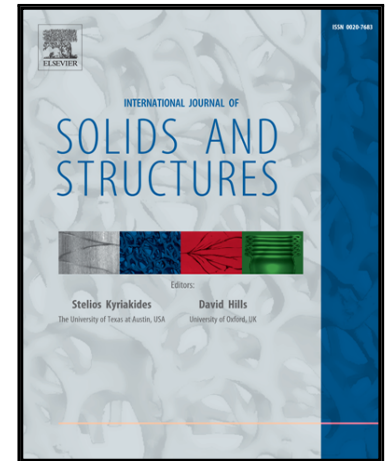


Accepted Manuscript

Structural reanalysis via force method

K. Koohestani

PII: S0020-7683(17)30544-9
DOI: [10.1016/j.ijsolstr.2017.12.008](https://doi.org/10.1016/j.ijsolstr.2017.12.008)
Reference: SAS 9826



To appear in: *International Journal of Solids and Structures*

Received date: 15 November 2016
Revised date: 5 June 2017
Accepted date: 7 December 2017

Please cite this article as: K. Koohestani , Structural reanalysis via force method, *International Journal of Solids and Structures* (2017), doi: [10.1016/j.ijsolstr.2017.12.008](https://doi.org/10.1016/j.ijsolstr.2017.12.008)

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

- A new framework for structural reanalysis has been developed
- The approach is iterative and formulated based on the method of forces
- Structural reanalysis is carried out using iterative matrix to vector multiplications
- A rigorous study of the convergence for the iterative process is provided
- The method requires only $O(m^2)$ flops in order to form accurate solutions

Download English Version:

<https://daneshyari.com/en/article/6748386>

Download Persian Version:

<https://daneshyari.com/article/6748386>

[Daneshyari.com](https://daneshyari.com)