

Accepted Manuscript

An Efficient Load Identification for Viscoplastic Materials by an Inverse Meshfree Analysis

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PII: S0020-7403(17)33299-X
DOI: [10.1016/j.ijmecsci.2017.12.050](https://doi.org/10.1016/j.ijmecsci.2017.12.050)
Reference: MS 4114



To appear in: *International Journal of Mechanical Sciences*

Received date: 19 November 2017
Revised date: 29 December 2017
Accepted date: 31 December 2017

Please cite this article as: Z. Kazemi , M.R. Hematiyan , Y.C. Shiah , An Efficient Load Identification for Viscoplastic Materials by an Inverse Meshfree Analysis, *International Journal of Mechanical Sciences* (2018), doi: [10.1016/j.ijmecsci.2017.12.050](https://doi.org/10.1016/j.ijmecsci.2017.12.050)

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Highlights

- An inverse method for load identification in viscoplastic problems is presented.
- The unknown load has variation with respect to both space and time.
- Strains at some sampling points are used as measured data in the inverse analysis.
- Sampling points can be located on boundary or within the domain of the problem.
- The method gives satisfactory results for a high level of noise in measured data.

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