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

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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.