

# Accepted Manuscript

## Shear Localization in Semi-Solid Deformation: A Bifurcation Theory Approach

M.H. Sheikh-Ansari , M. Aghaie-Khafri

PII: S0093-6413(17)30435-4  
DOI: [10.1016/j.mechrescom.2018.02.002](https://doi.org/10.1016/j.mechrescom.2018.02.002)  
Reference: MRC 3253

To appear in: *Mechanics Research Communications*

Received date: 8 August 2017  
Revised date: 9 February 2018  
Accepted date: 9 February 2018

Please cite this article as: M.H. Sheikh-Ansari , M. Aghaie-Khafri , Shear Localization in Semi-Solid Deformation: A Bifurcation Theory Approach, *Mechanics Research Communications* (2018), doi: [10.1016/j.mechrescom.2018.02.002](https://doi.org/10.1016/j.mechrescom.2018.02.002)



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

- New localization criterion was proposed based on bifurcation theory approach
- The sliding and dilatancy of agglomerates in the solid network were considered
- The proposed criterion is capable to evaluate formability of semi-solids

ACCEPTED MANUSCRIPT

Download English Version:

<https://daneshyari.com/en/article/7178771>

Download Persian Version:

<https://daneshyari.com/article/7178771>

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