

## Accepted Manuscript

Title: Data Reconstruction with Information Granules: An Augmented Method of Fuzzy Clustering

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PII: S1568-4946(17)30092-3  
DOI: <http://dx.doi.org/doi:10.1016/j.asoc.2017.02.014>  
Reference: ASOC 4063

To appear in: *Applied Soft Computing*

Received date: 9-8-2016  
Revised date: 23-12-2016  
Accepted date: 11-2-2017

Please cite this article as: Xingchen Hu, Witold Pedrycz, Guohua Wu, Xianmin Wang, Data Reconstruction with Information Granules: An Augmented Method of Fuzzy Clustering, Applied Soft Computing Journal <http://dx.doi.org/10.1016/j.asoc.2017.02.014>

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## Data Reconstruction with Information Granules: An Augmented Method of Fuzzy Clustering

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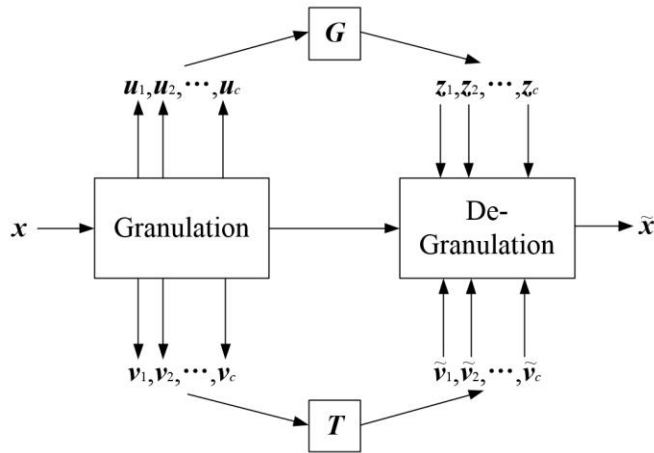
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### Graphical Abstract



### Highlights

- Discussed is Fuzzy C-Means with respect degranulation performance.
- Proposed is an augmentation of the transformation mapping
- Population-based techniques are used to realize optimization

### Abstract

Information granules form an abstract and efficient characterization of large volumes of numeric data. Fuzzy clustering is a commonly encountered information granulation approach. A reconstruction (degranulation) is about decoding information granules into numeric data. In this study, to enhance quality of reconstruction, we augment the generic data reconstruction approach by introducing a transformation mapping of the originally

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