

## Accepted Manuscript

Pore Network Extraction for Fractured Porous Media

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PII: S0309-1708(17)30489-X  
DOI: [10.1016/j.advwatres.2017.06.025](https://doi.org/10.1016/j.advwatres.2017.06.025)  
Reference: ADWR 2885



To appear in: *Advances in Water Resources*

Received date: 8 May 2017  
Revised date: 27 June 2017  
Accepted date: 28 June 2017

Please cite this article as: Z. Jiang , M.I.J. van Dijke , S. Geiger , J. Ma , G.D. Couples , X. Li , Pore Network Extraction for Fractured Porous Media, *Advances in Water Resources* (2017), doi: [10.1016/j.advwatres.2017.06.025](https://doi.org/10.1016/j.advwatres.2017.06.025)

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## Highlights

- Development of a pore-network extraction method for rocks with intersecting fractures embedded in a porous matrix
- Implementation of an efficient shrinking algorithm for simultaneous extraction of medial axes and medial surfaces for arbitrary complex geometries
- Conversion of the skeleton of axes and surfaces into an integrated pore-network model suitable for single- and two-phase flow simulation in fractured rocks

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