## Accepted Manuscript

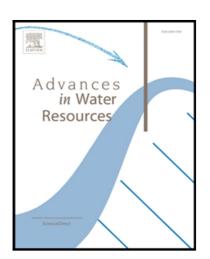
Modeling anisotropic flow and heat transport by using mimetic finite differences

Tao Chen, Christoph Clauser, Gabriele Marquart, Karen Willbrand, Henrik Büsing

 PII:
 S0309-1708(16)30169-5

 DOI:
 10.1016/j.advwatres.2016.06.006

 Reference:
 ADWR 2637



To appear in: Advances in Water Resources

Received date:30 November 2015Revised date:9 June 2016Accepted date:10 June 2016

Please cite this article as: Tao Chen, Christoph Clauser, Gabriele Marquart, Karen Willbrand, Henrik Büsing, Modeling anisotropic flow and heat transport by using mimetic finite differences, *Advances in Water Resources* (2016), doi: 10.1016/j.advwatres.2016.06.006

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

- Coupled flow calculated by mFD and heat transport with variable properties
- Using asymmetric permeability tensors for equivalent fracture models
- Applications in highly heterogeneous models and three-dimensional models

Download English Version:

## https://daneshyari.com/en/article/6380780

Download Persian Version:

https://daneshyari.com/article/6380780

Daneshyari.com