

1. SECTION TITLE

introduction

2. SECTION TITLE

section 2

4. SECTION TITLE

section 4

5.

section 5

REFERENCES

[1] Bijeljic, B., Muggeridge, A. H., Blunt, M. J., Pore-scale modeling of longitudinal dispersion, Water Resources Research, 2004.

[2] Hoel, Hakon, Erik Von Schwerin, Anders Szepessy, and RaÅ¶l Tempone. "Adaptive multilevel monte carlo simulation." In Numerical Analysis of Multiscale Computations, pp. 217-234. Springer Berlin Heidelberg, 2012.

[3] Oden, J. T., Prudencio, E. E., Bauman, P. T., Virtual model validation of complex multi scale systems: applications to nonlinear elastostatics. ICES report, 2012.

[4] Sahimi, M., Flow and transport in porous media and fractured rock: from classical methods to modern approaches, VCH, 1995

[5] Tosco, T., Sethi, R.,Transport of non-Newtonian suspensions of highly concentrated micro- and nanoscale iron particles in porous media: a modeling approach, Environmental science & technology, 2010.

[6] Tosco, T., Marchisio, D. L., Lince, F. and Sethi,R., Extension of the Darcy-Forchheimer Law for Shear-Thinning Fluids and Validation via Pore-Scale Flow Simulations, Transport in Porous Media, 2009.