

1117-35-75

**Xiaoming Wang\*** ([wxm@math.fsu.edu](mailto:wxm@math.fsu.edu)), Department of Mathematics, Florida State University,  
Tallahassee, FL 32306. *Models for hyporheic flows.*

We present a few recent results on some models of hyporheic flows that take into account the non-trivial geometry of the riverbed and the influence of the temperature. (Received January 02, 2016)