

Thesis Title	Capillary Flow in Porous Media
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ABSTRACT

Capillary flow in porous media is modeled by the advective-diffusive anion characterized by anion exclusion. Numerical solutions to the advection-diffusion equation are shown by using finite difference approximation in two dimensional space. The depth of anion is predicted using an regression analysis for an appropriate initial and boundary conditons. This study may be employed in order to change the color of some Thai granitic rocks.