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SOLUTION OF A PROBLEM ON JOINT ONE-DIMENSIONAL FILTRATION OF NON-HOMOGENEOUS INCOMPRESSIBLE FLUIDS IN A POROUS MEDIUM BY NUMERICAL METHODS

Abstract

In the introduced work the problem on joint one-dimensional filtration of non-homogeneous and incompressible fluids in a porous medium is investigated by numerical methods. The non-uniform mobile coordinated grid is applied for numerical solution of the problem. Distribution of pressure and water-saturation along a layer is defined.