

Telman K. RAMAZANOV, Shusha A. AGAYEVA

BASIC MACRONONEQUILIBRIUM EQUATIONS
OF MULTIPHASE FILTRATION OF
MULTICOMPONENT MIXTURES IN
DEFORMABLE POROUS MEDIA

Abstract

The conservation equations and boundary conditions of fluid and rigid space being in local equilibrium state in macrosystem are reduced to macrononequilibrium equations. Physical sense of each term arising in the obtained equations is investigated, and they are estimated in some cases.