

**SOME SINGULARITIES OF FLOW OF RHEOLOGICAL
COMPLEX MEDIUMS WITH FRACTAL STRUCTURE**

Abstract

Existing in oils of resin, asphalt and paraffin components and also in technological liquids of surface active and polymer dopes predefinirtes their complexity, variety of innerphase and interphase interaction and processes.

A very effective method of construction of models of the mentioned liquids taking into account internal microstructures can be considered the fractal or skayling ideas used widely in rheological complex liquids at motion in porous mediums and tubes.

Some results of modeling of rheological complex liquids with fractal structure are presented in this work.