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INHOMOGENEITIES"; "6. CASE STUDY: EKOFISK OIL FIELD"; "6.1. Reservoir Characteristics"
"6.2. Geomechanical Properties"; "6.3. Induced Stress Change Analysis"; "7. CONCLUSION"; "8. NOMENCLATURE"; "REFERENCES"; "POROUS HYDROGELS"; "ABSTRACT"; "ABBREVIATIONS"; "1. INTRODUCTION"; "2. CLASSIFICATION OF THE POROUS HYDROGELS BY PORE SIZE"; "3. PREPARATIVE METHODS FOR POROUS HYDROGELS"; "3.1. Crosslinking Polymerization in the Presence of Substances that Are Solvents for Monomers, but Precipitants for Formed Polymer"
"3.2. Crosslinking Polymerization in Presence of Soluble Substances (Particles of Sugars, Salts) which Are Washed out from the Hydrogel after Polymerization"; "3.3. Crosslinking Polymerization in the Presence of Substances Releasing Gases which Remain in the Resulting Hydrogel"; "3.4. Freeze-Sublimation of the Hydrogel Swollen in Water (Lyophilization of Swollen Hydrogel)"; "4. CHARACTERIZATION OF POROUS HYDROGELS"; "4.1. Mercury Porosimetry"; "4.2. BET Surface Area Measurements"; "4.3. Scanning Electron Microscopy (SEM)"; "4.4. Confocal Microscopy"; "4.5. Diffusion Properties"
"4.6. Mechanical Properties"; "5. MODIFICATION OF POROUS HYDROGELS"; "6. AUTHOR'S EXPERIENCE WITH POROUS HYDROGELS PREPARED IN THE PRESENCE OF POROGEN PARTICLES"; "6.1. Porous Hydrogels (According to 3.2.) for Tissue Engine"; "6.2. Characterization of the Porous Hydrogels Prepared According to 3.2"; "6.3. Characterization of through-Flow Properties of the Hydrogels with Communicating Pores"; "7. PERSPECTIVE"; "ACKNOWLEDGMENTS"; "8. REFERENCES"; "MONTE CARLO SIMULATIONS FOR THE STUDY OF DIFFUSION-LIMITED DRUG RELEASE FROM POROUS MATRICES"; "ABSTRACT"; "INTRODUCTION"
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