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On a viscoelastoplastic porous medium problem with nonlinear interaction. (English)

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MSC:

- 74F10 Fluid-solid interactions (including aero- and hydro-elasticity, porosity, etc.)
- 74C10 Small-strain, rate-dependent theories of plasticity (including theories of viscoplasticity)
- 76S05 Flows in porous media; filtration; seepage
- 35Q74 PDEs in connection with mechanics of deformable solids
- 35Q35 PDEs in connection with fluid mechanics

Keywords:

solid-liquid interaction; degenerate pressure-saturation function; existence; uniqueness; fluid diffusion

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