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Multi-Physics Modeling of Porous Materials

Porous materials are a widely used class of materials used in different areas, e.g. materials science, chemical engineering, soil mechanics, and bio mechanics. The research within porous materials is therefore applicable across different research fields and subjects. The advantages from the generalized approach are seen in this study, where a modeling tool is developed for cement based materials. This model can be directly used for e.g. groundwater simulations and other reactive porous systems.

