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- the **modification of microporous and mesoporous solids**, for example by ion exchange or solid-state reactions
- all topics related to **diffusion of mobile species in the pores of microporous and mesoporous materials**
- adsorption (and other separation techniques) using **microporous or mesoporous adsorbents**
- catalysis by **microporous and mesoporous materials**
- **host/guest interactions**
- **theoretical chemistry and modelling of host/guest interactions**
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