



Faculty of Science

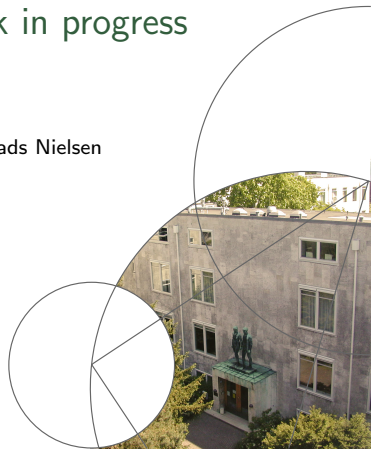


Image segmentation of x-ray microtomography of highly porous media - a work in progress

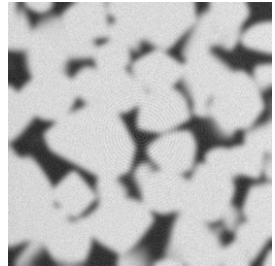
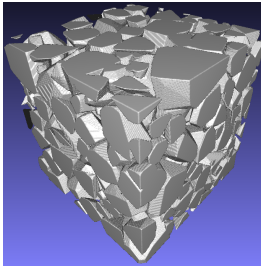
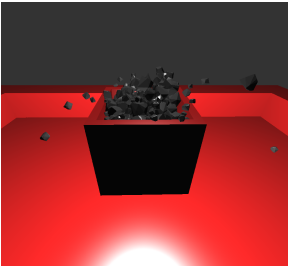
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Slide 1/3



Data generation teaser



Considered methods

- Model based on learning optimized reaction diffusion processes; Chen, Yu, and Pock (2015).
- Model on dictionary based learning for joint reconstruction and segmentation; Formulated in a Ph.D. Thesis by Jose Cabellero, for MRI acquisition, in (2015).
- Both methods would use salient patches to learn from, chosen from the synthetically generated dataset.

