

15-464/15-664 Reference List for April 6, 2020

The research papers we viewed today are the following:

Xian, Zangyueyang, Xin Tong, and Tiantian Liu. "A scalable galerkin multigrid method for real-time simulation of deformable objects." *ACM Transactions on Graphics (TOG)* 38, no. 6 (2019): 1-13.

<http://tiantianliu.cn/papers/xian2019multigrid/xian2019multigrid.html>

Brandt, Christopher, Leonardo Scandolo, Elmar Eisemann, and Klaus Hildebrandt. "The reduced immersed method for real-time fluid-elastic solid interaction and contact simulation." *ACM Transactions on Graphics (TOG)* 38, no. 6 (2019): 1-16.

<https://graphics.tudelft.nl/~klaus/>

Kim, Theodore, Fernando De Goes, and Hayley Iben. "Anisotropic elasticity for inversion-safety and element rehabilitation." *ACM Transactions on Graphics (TOG)* 38, no. 4 (2019): 1-15.

<http://fernandodegoes.org/>

Rabinovich, Michael, Tim Hoffmann, and Olga Sorkine-Hornung. "Modeling curved folding with freeform deformations." *ACM Transactions on Graphics (TOG)* 38, no. 6 (2019): 1-12.

<https://igl.ethz.ch/projects/curved-folds/>

Gao, Lin, Jie Yang, Tong Wu, Yu-Jie Yuan, Hongbo Fu, Yu-Kun Lai, and Hao Zhang. "SDM-NET: Deep generative network for structured deformable mesh." *ACM Transactions on Graphics (TOG)* 38, no. 6 (2019): 1-15.

<http://geometrylearning.com/sdm-net/>

Fang, Yu, Minchen Li, Ming Gao, and Chenfanfu Jiang. "Silly rubber: an implicit material point method for simulating non-equilibrated viscoelastic and elastoplastic solids." *ACM Transactions on Graphics (TOG)* 38, no. 4 (2019): 1-13.

<http://squarefk.com/>