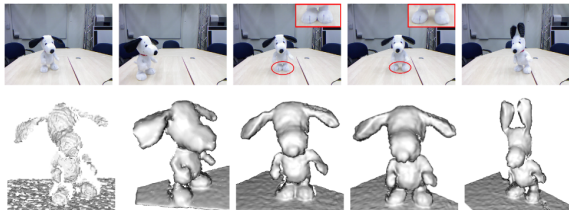# KillingFusion: Non-rigid 3D Reconstruction without Correspondences
Slavcheva, Baust, Cremers, Ilic - CVPR 2017

Problem: Given two consecutive depth images of a non-rigid object, find voxel-wise deformation vector field that aligns the two views.

Given:
- Paper
- Basic code framework

Goals:
- Implement pipeline on CPU
- Parallelize gradient descent on GPU

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