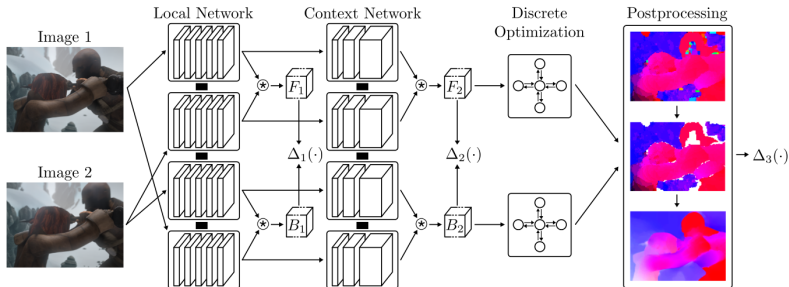


# Deep Discrete Flow

F. Güney, and A. Geiger (ACCV 2016)



- ▶ Learning features for optical flow by training a CNN for feature matching on image patches
- ▶ Large receptive field size via dilated convolutions
- ▶ A context network (dilated convolutions) trained on the output of a local network (regular convolutions)
- ▶ Fast exact matching on GPU
- ▶ Discrete flow framework
- ▶ Regular BP with 300 proposals
- ▶ Evaluated on Sintel and KITTI benchmarks