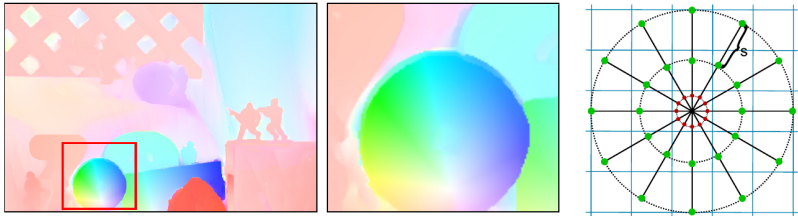


# Non-Local Total Generalized Variation for Optical Flow Estimation

R. Ranftl, K. Bredies, T. Pock (ECCV 2014)



- ▶ Total Generalized Variation
  - ▶ Performs quite well favoring piecewise affine solutions
  - ▶ Local nature can suffer from ambiguities in the data and cannot accurately locate discontinuities
- ▶ Contribution
  - ▶ Non local TGV that allows to incorporate prior information as image gradients
  - ▶ Scale invariant Census using a radial sampling strategy
- ▶ Evaluation on Sintel and KITTI 2012