Masked GAN for Unsupervised Depth and Pose Prediction with Scale Consistency

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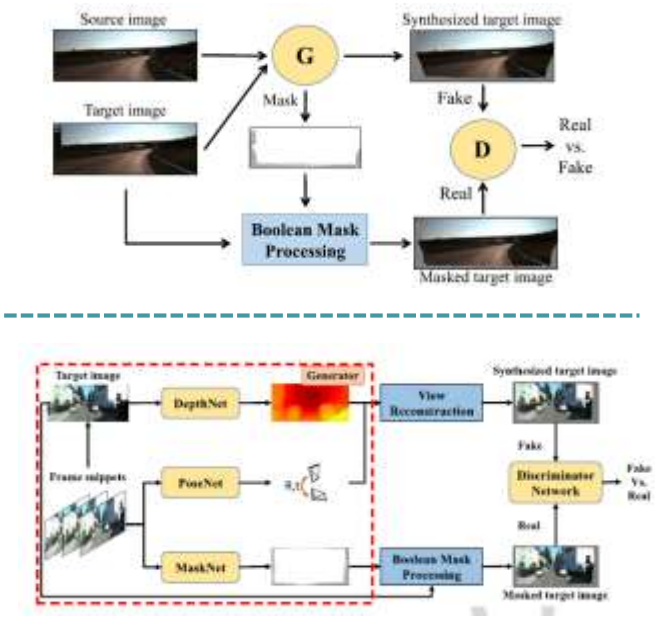
- We introduce a masked GAN framework for unsupervised pose and depth estimation.
- We discuss the effect of unreconstructed regions on adversarial learning.
- We consider the scale-inconsistent problem and propose a adaptive constraint for a better global trajectory prediction.
- Both the pose and depth networks proposed in this paper show competitive results on public datasets.



Architecture overview.