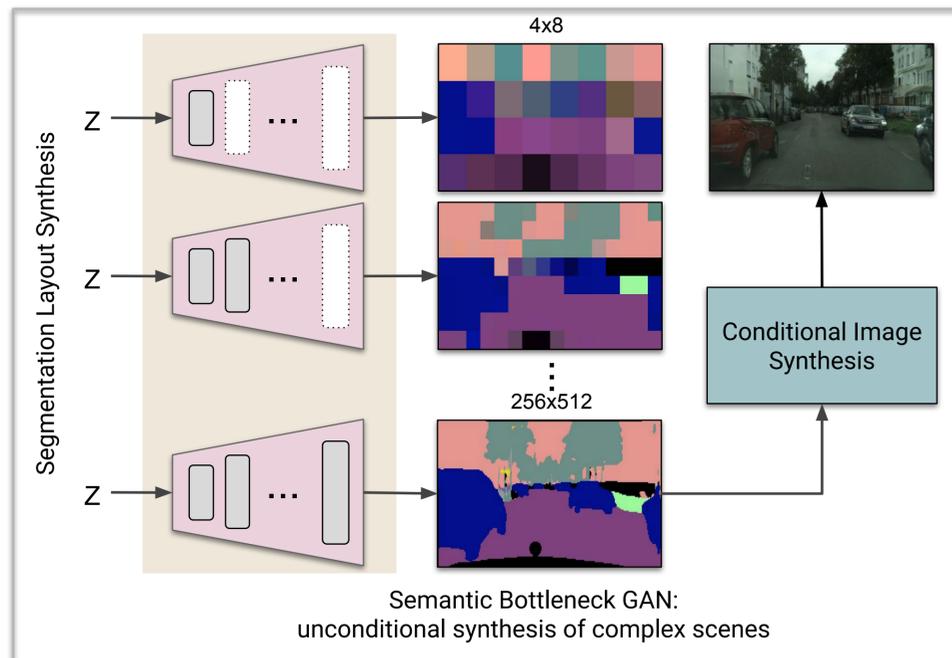


Motivation

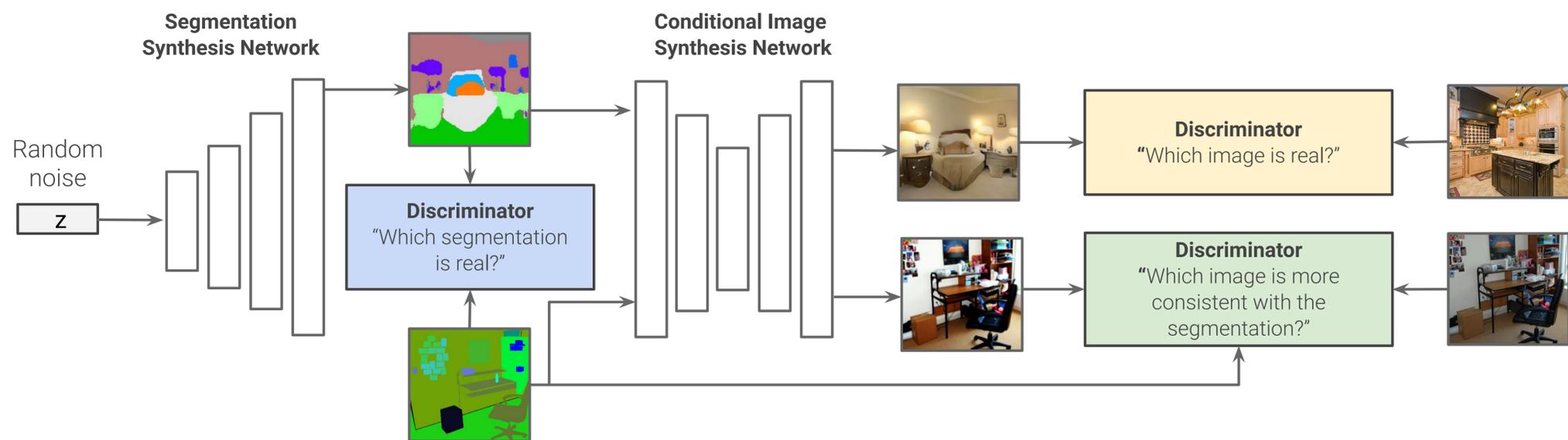
Unconditional synthesis of complex scenes:

- The high-fidelity generation capabilities of label-conditional image synthesis methods,
- The flexibility of unconditional generative models



Experiments

Dataset: Cityscapes-25K: training set with 23K images and 3K segmentations



FID:

Resolution: 256

| | ProGAN | SB-GAN |
|----------------|--------|--------------|
| Cityscapes-5K | 92.57 | 65.49 |
| Cityscapes-25K | 63.87 | 62.97 |
| ADE-Indoor | 104.83 | 85.27 |

Resolution: 128

| | BigGAN | SB-GAN |
|----------------|--------|-------------|
| Cityscapes-25K | 64.8 | 54.9 |
| ADE-Indoor | 156.6 | 81.4 |