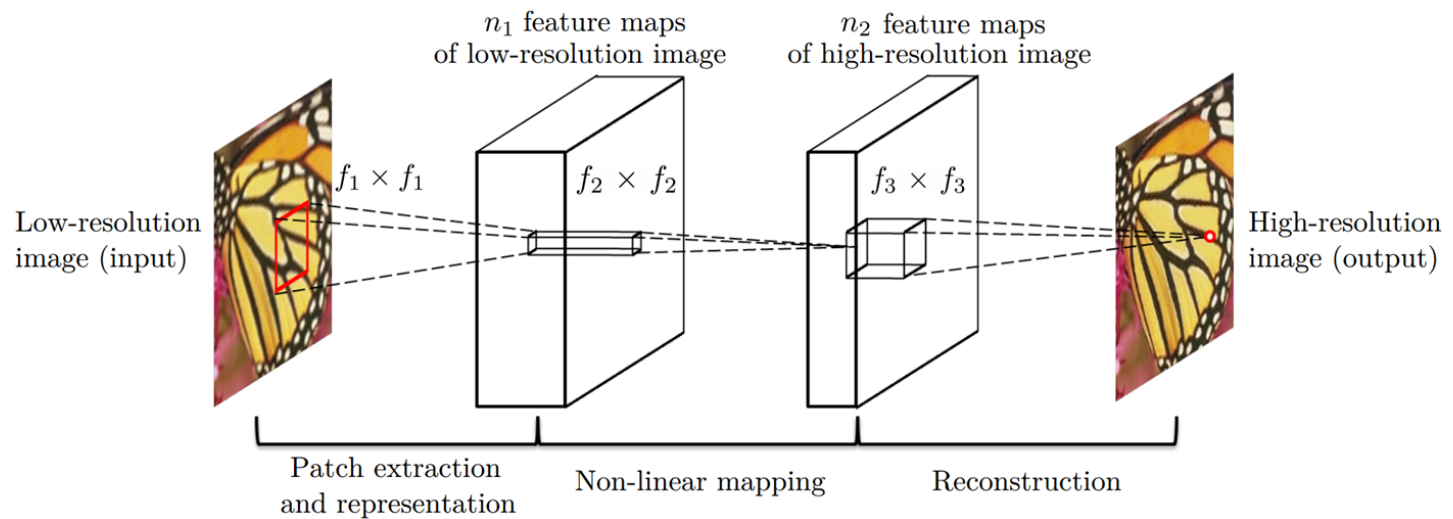


Super-Resolution

Group 1

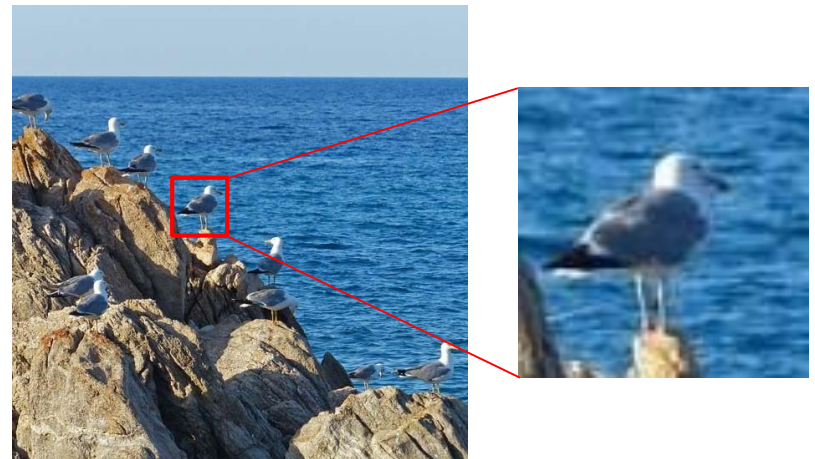
Florian Jörg, Viviane Tanner,
Adrian Wälchli

Sharp Upscaling

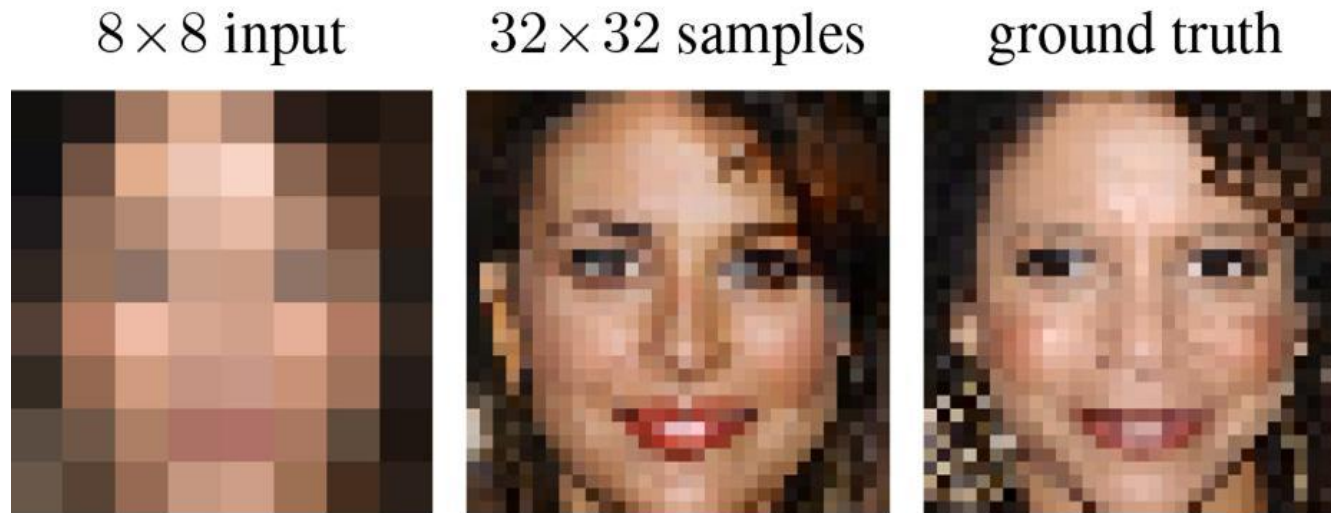


Possible Applications

- Resolution of old videos
- HD to FullHD for TV-Screens
- Pictures taken with low resolution camera
- Zoom in on existing image



The Big Problem



- Ill-posed, ambiguous
- Additional restraints necessary

The Other Big Problem

- Reconstruction is reasonable
- Blurry
- Over-smoothed



Ground Truth
(PSNR, SSIM)

A+ [29]
(23.53, 0.6977)