The problem

Find an image operator that transforms the observed image to the respective ideal (or “close to the ideal”) image.
- $x_1, x_2, x_3, x_4, x_5, x_6, x_7, x_8$ → 8 variables
- $z_1, z_2, z_3, z_4$ → 4 variables
- $w_1, w_2$ → 2 variables

- 2 variables: $2^2 = 4$
- 4 variables: $2^4 = 16$
- 8 variables: $2^8 = 256$
Multiresolution Noise

image

noise

image + noise