Example Images

1. Geometrical figures, piecewise constant functions with jump discontinuities along rectifiable, mostly smooth curves.

2. Toy house demonstration image from the XHoughTool website.

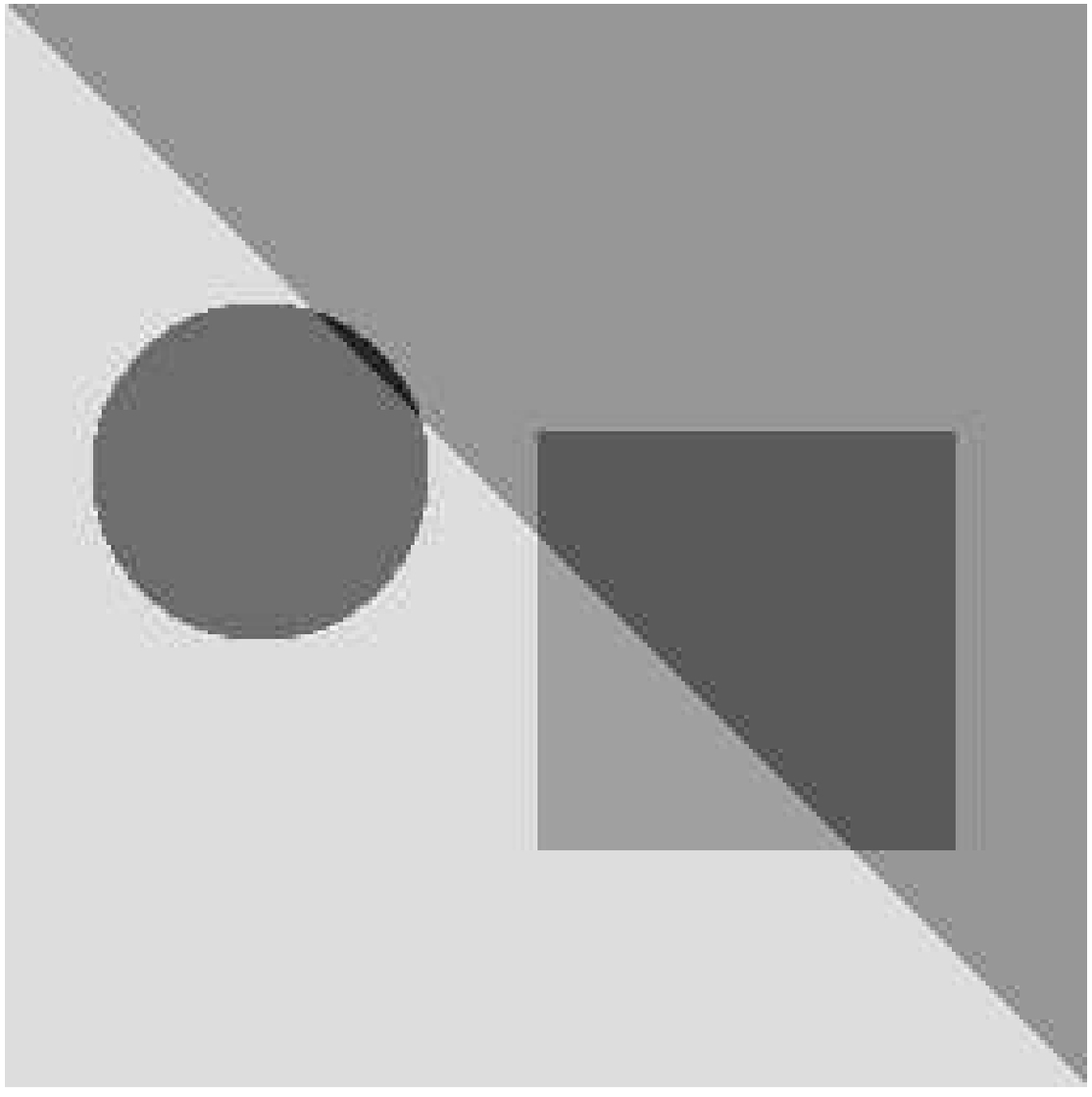
3. Fingerprint, part of the FBI/NIST compliance test suite for WSQ compression.

4. Lena Sjøblum, the famous woman in a hat.

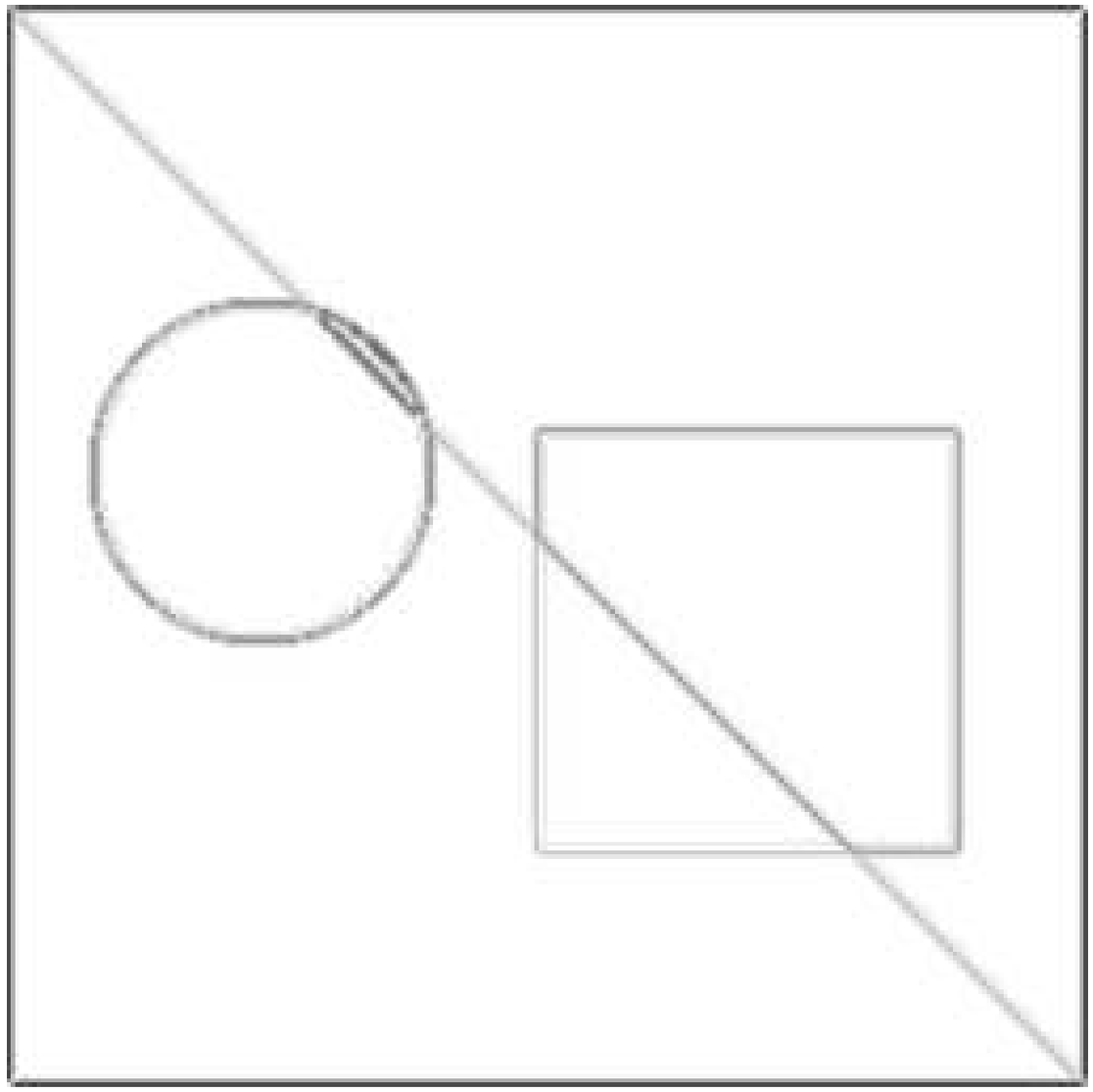
5. Cone, a ray-traced image by Craig Kolb.

6. Truck, one frame of video from Peng Li.

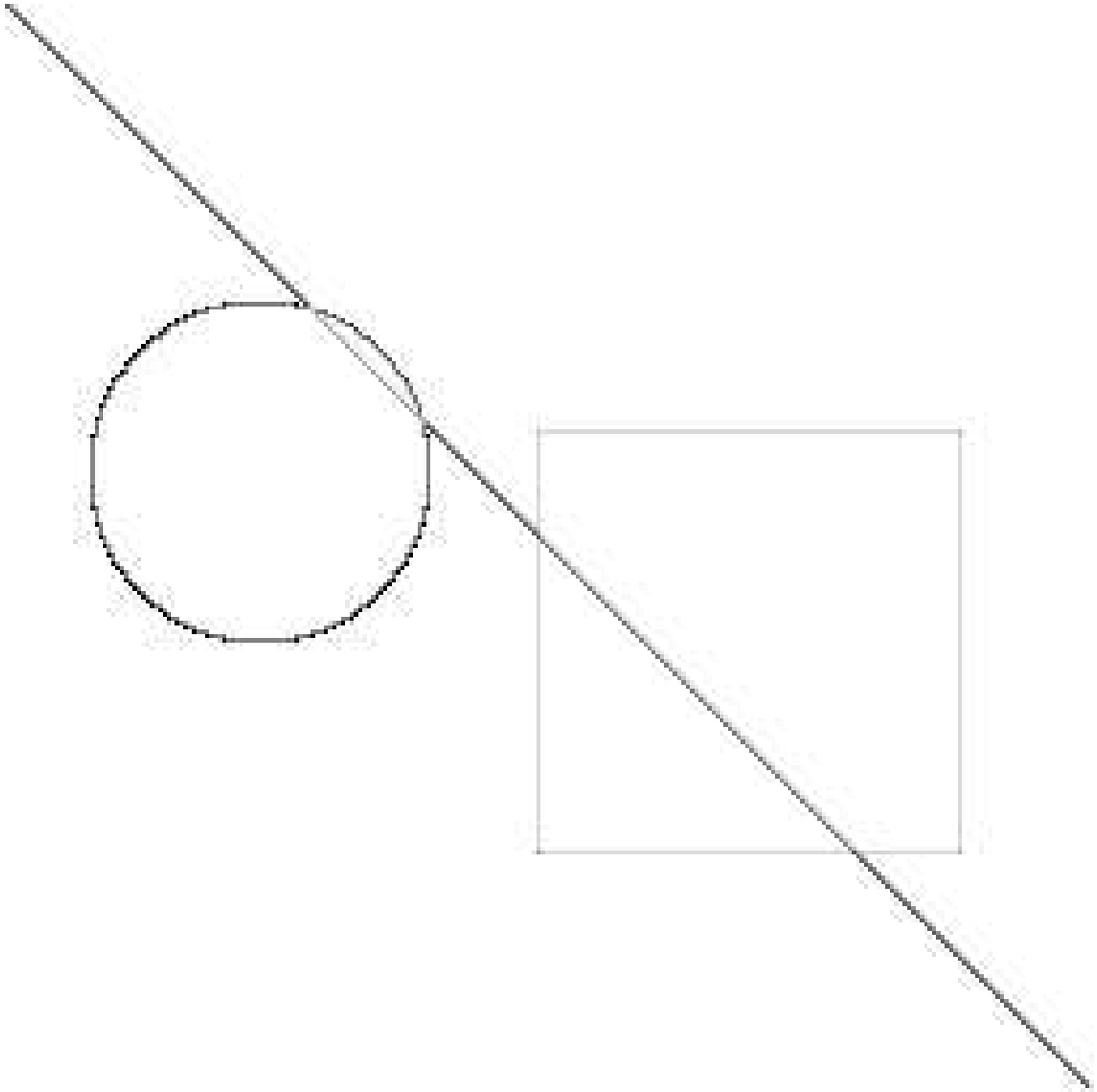
Example: Geometrical Figures



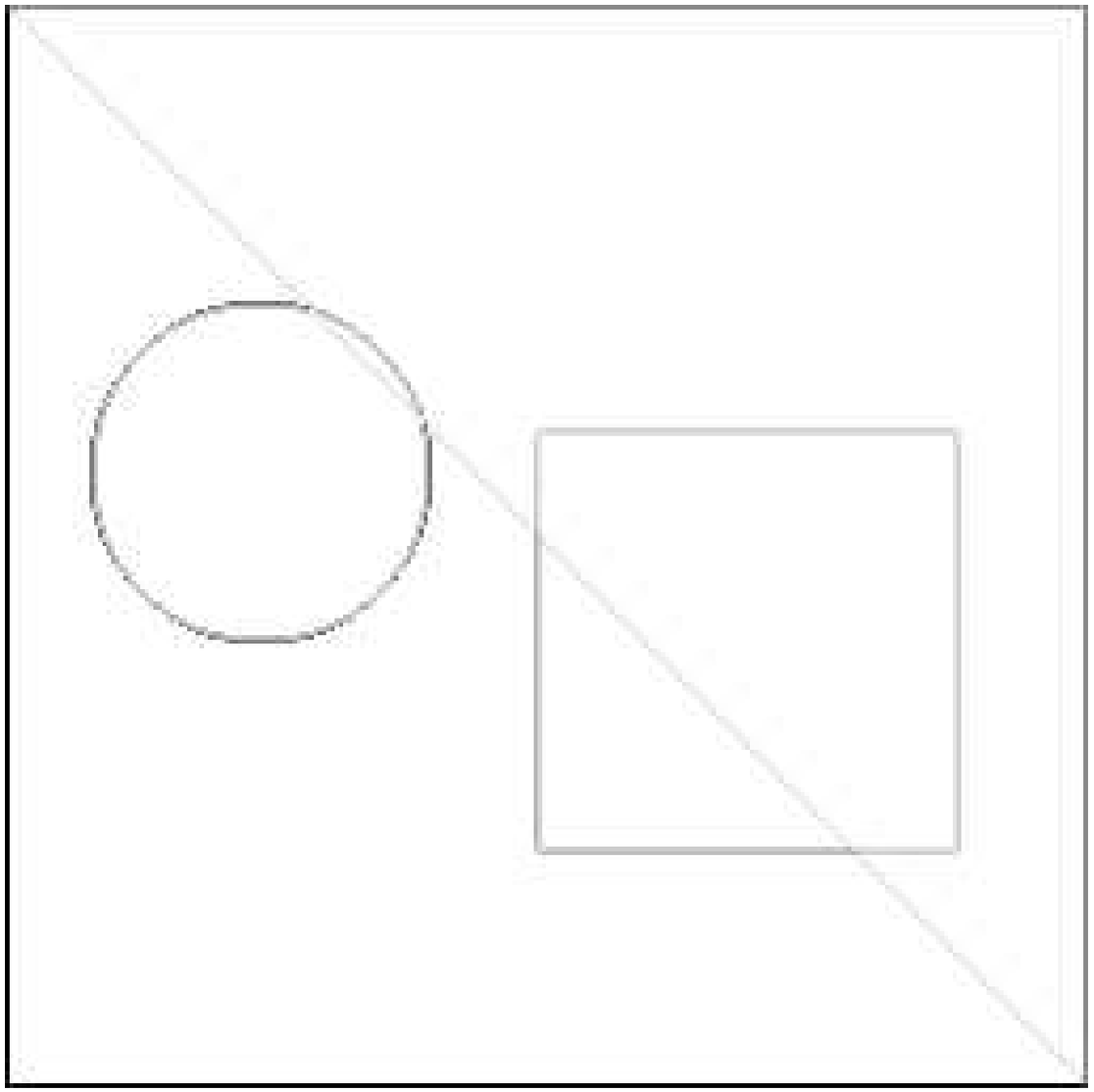
Geometrical Figures 7x7 “Gridpoint” Edginess



Geometrical Figures 2x2 “Midpoint” Edginess



Geometrical Figures 4+1 “Centerpoint” Edginess



Example: Toy House Image



Toy House 7x7 “Gridpoint” Edginess



Toy House 2x2 “Midpoint” Edginess



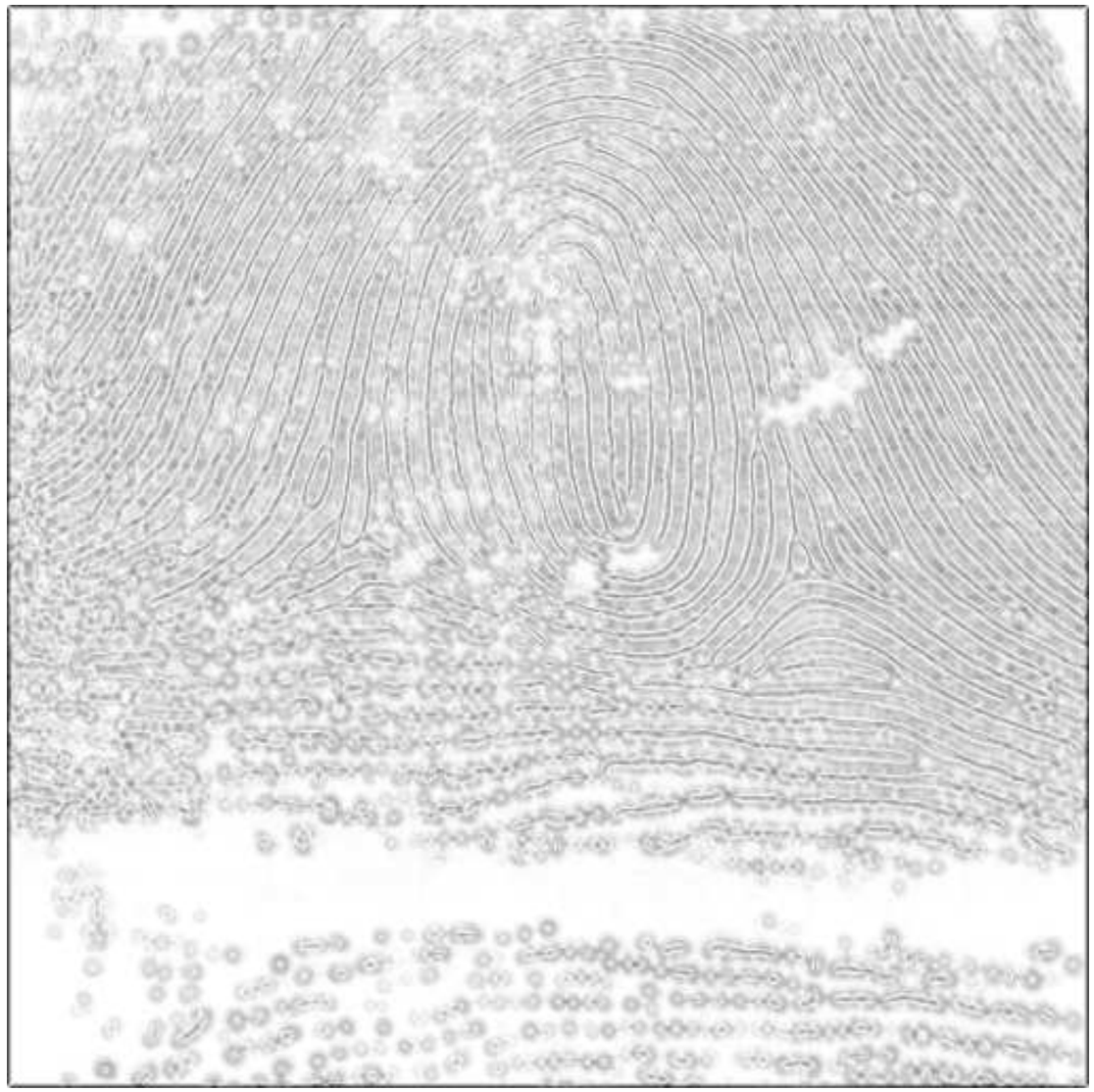
Toy House 4+1 “Centerpoint” Edginess



Example: Fingerprint Image



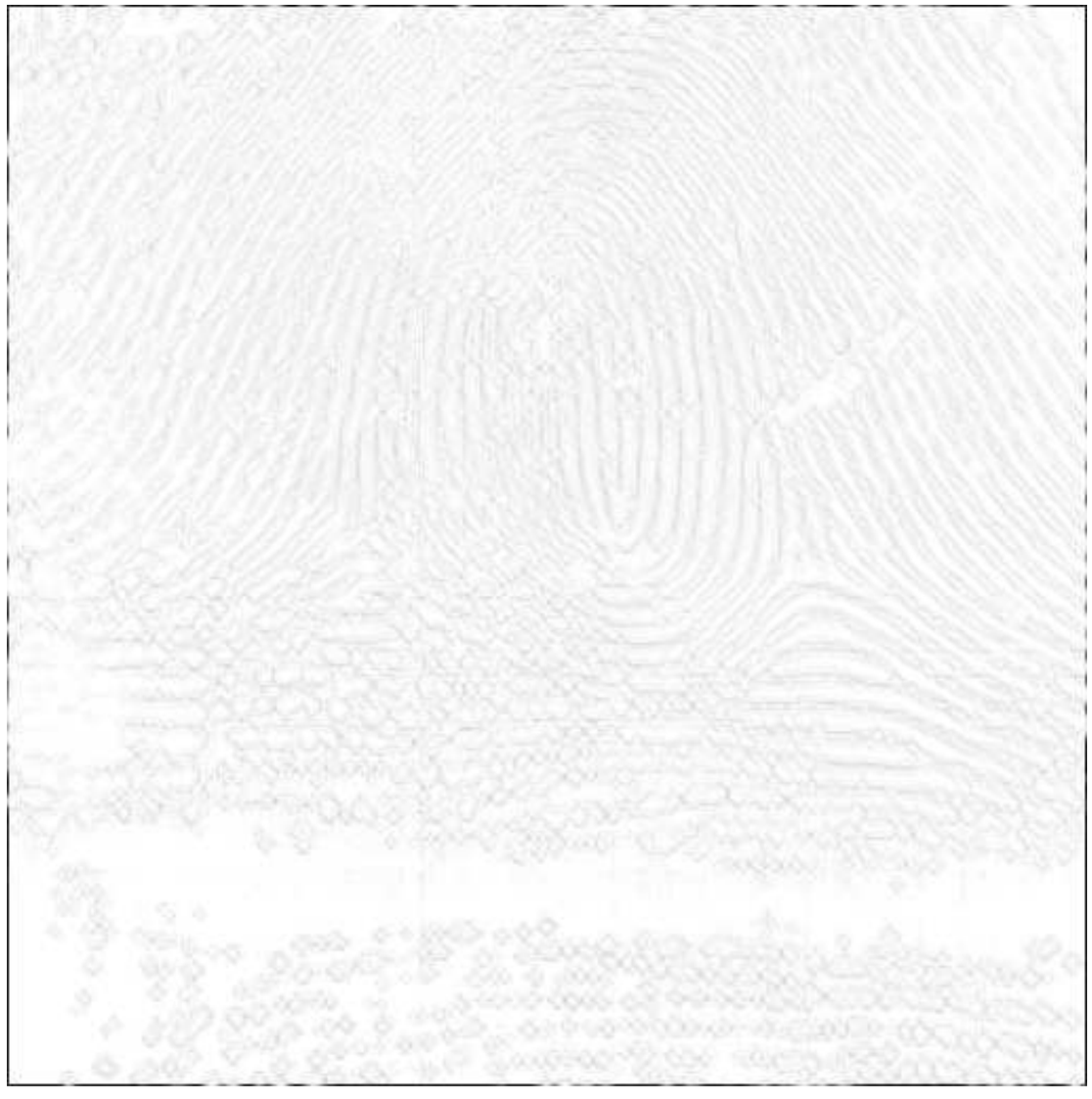
Fingerprint 7x7 “Gridpoint” Edginess



Fingerprint 2x2 “Midpoint” Edginess



Fingerprint 4+1 “Centerpoint” Edginess



Example: Lena Sjøblum Image



Lena 7x7 “Gridpoint” Edginess



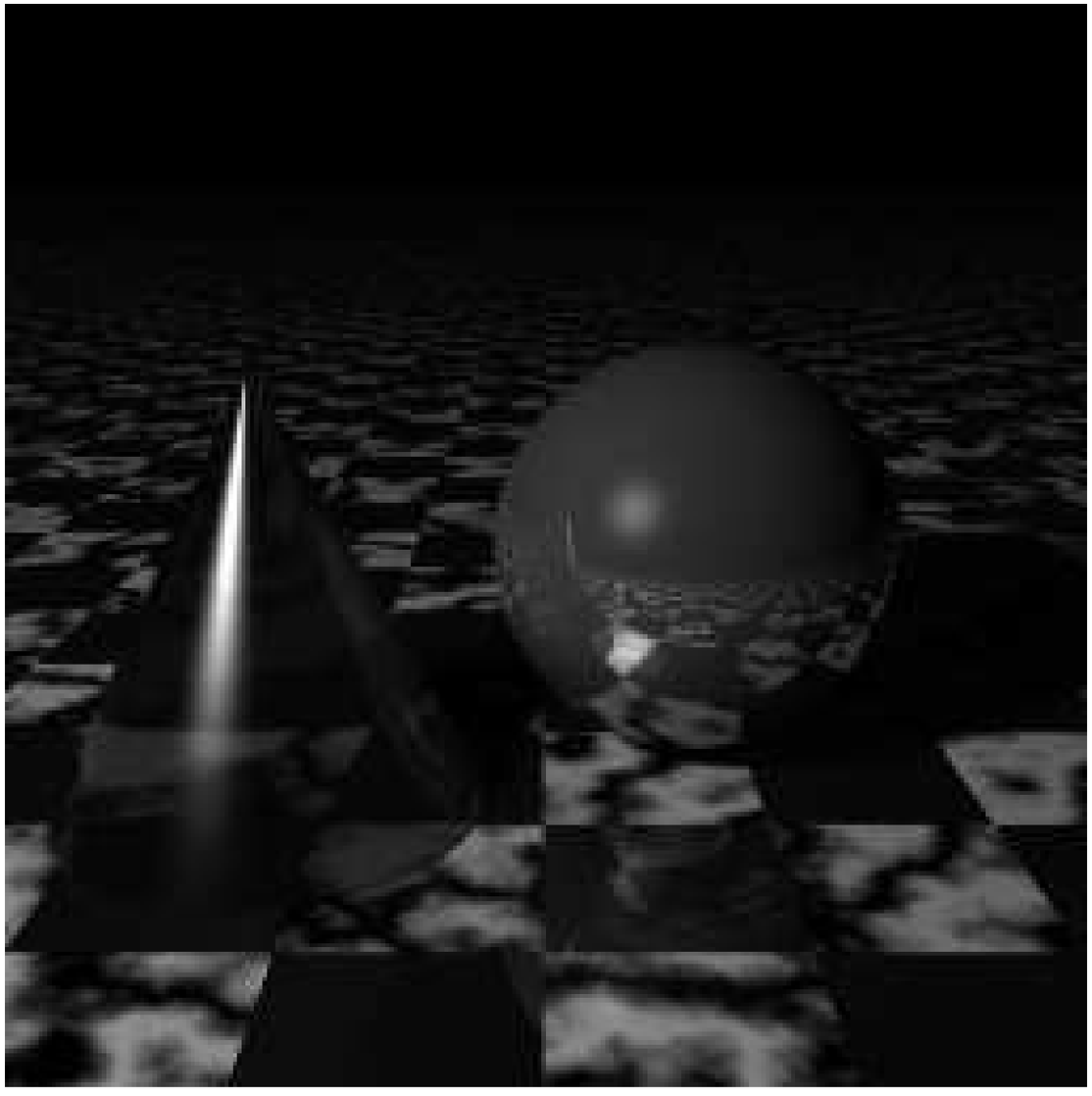
Lena 2x2 “Midpoint” Edginess



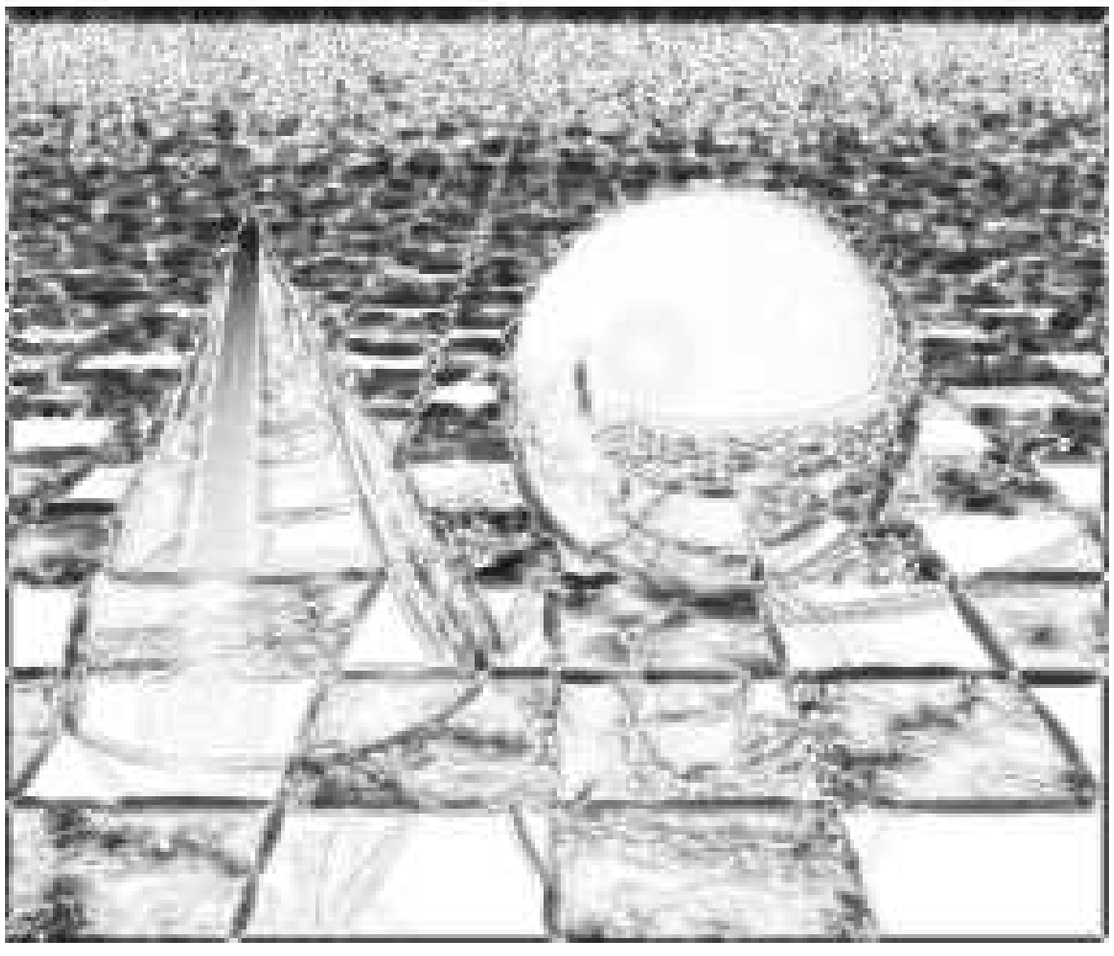
Lena 4+1 “Centerpoint” Edginess



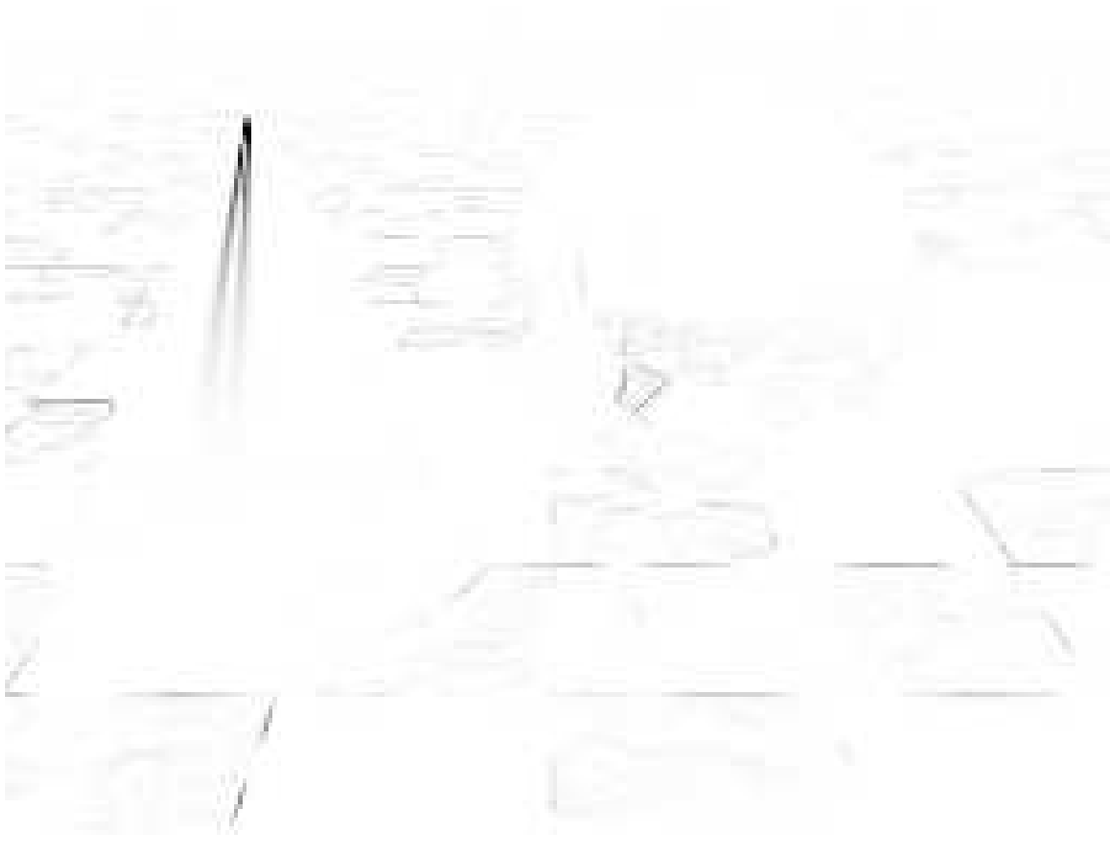
Example: Cone Image



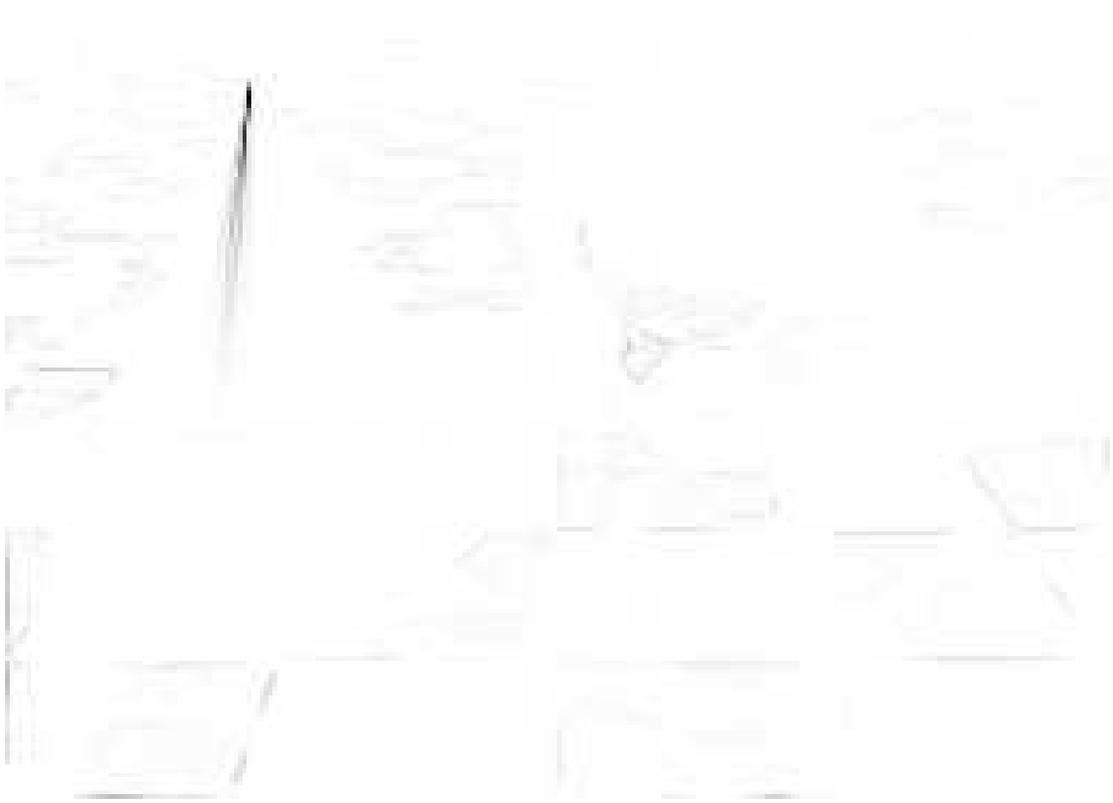
Cone 7x7 “Gridpoint” Edginess



Cone 2x2 “Midpoint” Edginess



Cone 4+1 “Centerpoint” Edginess



Example: Truck Video Frame



Truck 7x7 “Gridpoint” Edginess



Truck 2x2 “Midpoint” Edginess



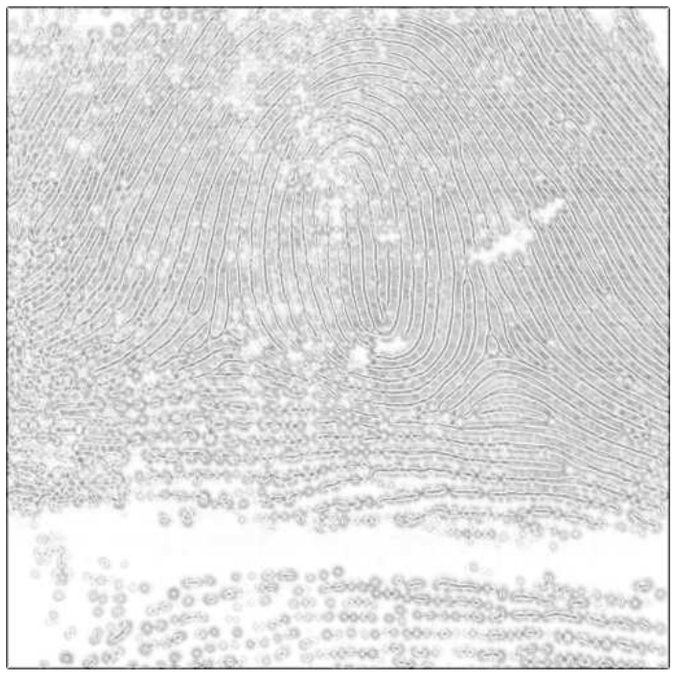
Truck 4+1 “Centerpoint” Edginess



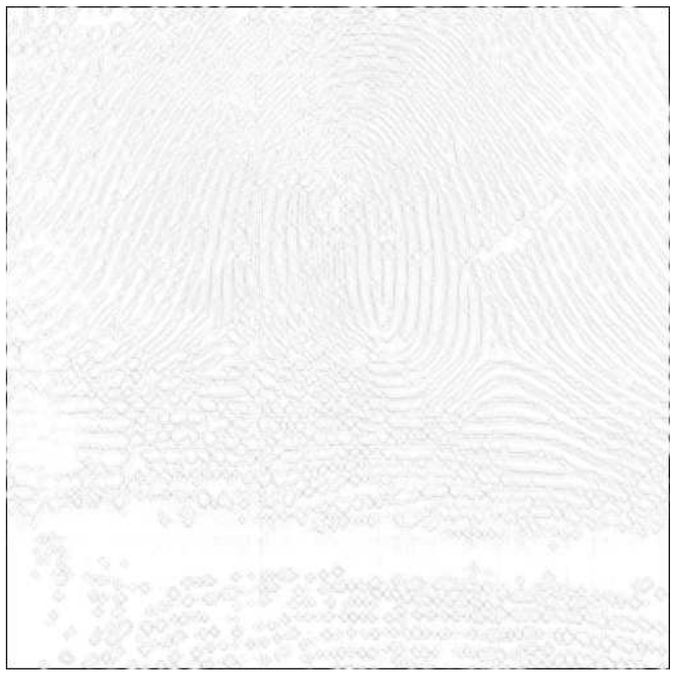
Comparison: Toy House Image 7x7, 2x2, 4+1 Edginess



Comparison: Fingerprint Image 7x7, 2x2, 4+1 Edginess



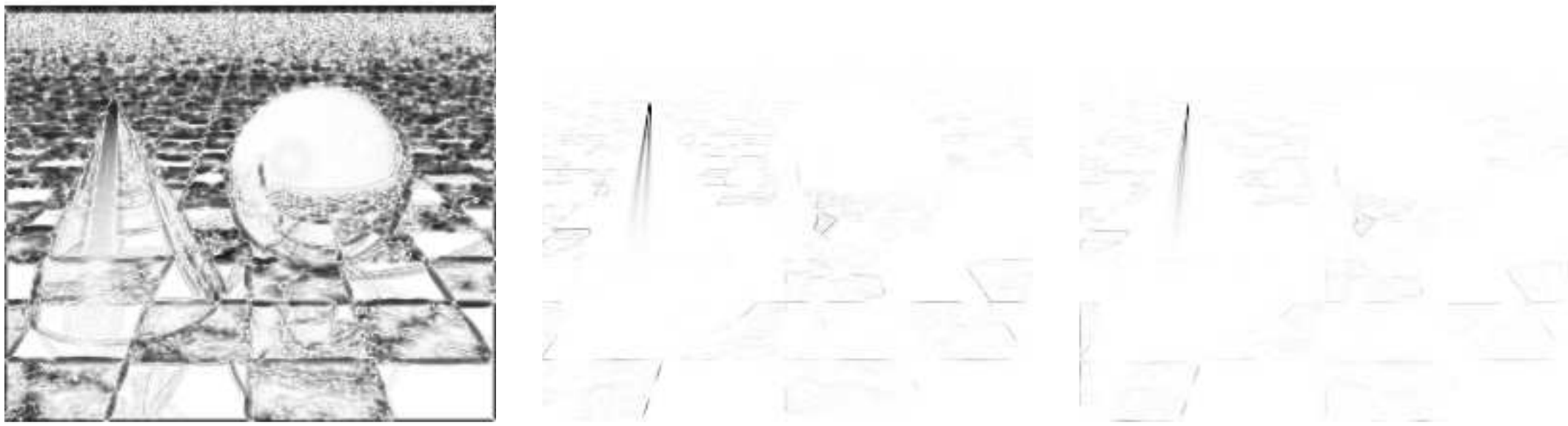




Comparison: Lena Sjøblum Image 7x7, 2x2, 4+1 Edginess



Comparison: Cone Image 7x7, 2x2, 4+1 Edginess



Comparison: Truck Video Frame 7x7, 2x2, 4+1 Edginess

