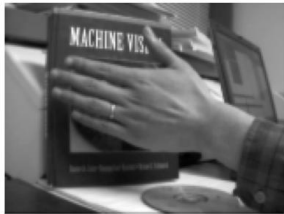


Original Image



Smoothed (Sigma=0.5)



Smoothed (Sigma=1.0)



Smoothed (Sigma=1.5)



Smoothed (Sigma=2.0)



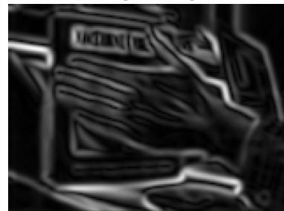
Gradient Magnitude (Sigma=0.5)



Gradient Magnitude (Sigma=1.0)



Gradient Magnitude (Sigma=1.5)



Gradient Magnitude (Sigma=2.0)



Strong Edges (Pct=0.4)



Strong Edges (Pct=0.5)



Strong Edges (Pct=0.6)



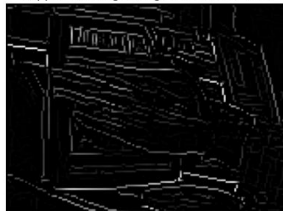
Strong Edges (Pct=0.7)



Suppressed Edges (Sigma=0.5, Pct=0.4)



Suppressed Edges (Sigma=1.0, Pct=0.5)



Suppressed Edges (Sigma=1.5, Pct=0.6)



Suppressed Edges (Sigma=2.0, Pct=0.7)



Final Edges (Sigma=0.5, Pct=0.4)



Final Edges (Sigma=1.0, Pct=0.5)



Final Edges (Sigma=1.5, Pct=0.6)



Final Edges (Sigma=2.0, Pct=0.7)



Sobel Edges



Roberts Edges



Zero-Crossing Edges



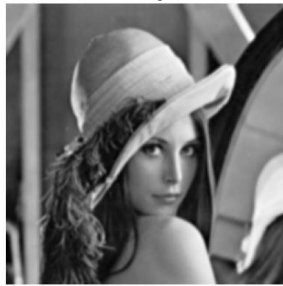
Original Image



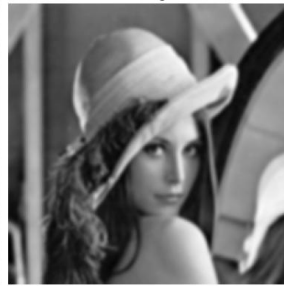
Smoothed (Sigma=0.5)



Smoothed (Sigma=1.0)



Smoothed (Sigma=1.5)



Smoothed (Sigma=2.0)



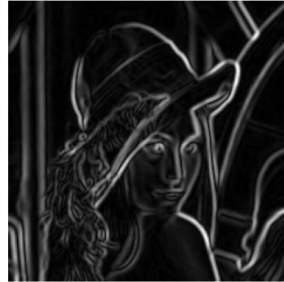
Gradient Magnitude (Sigma=0.5)



Gradient Magnitude (Sigma=1.0)



Gradient Magnitude (Sigma=1.5)



Gradient Magnitude (Sigma=2.0)



Strong Edges (Pct=0.4)



Strong Edges (Pct=0.5)



Strong Edges (Pct=0.6)



Strong Edges (Pct=0.7)



Suppressed Edges (Sigma=0.5, Pct=0.4)



Suppressed Edges (Sigma=1.0, Pct=0.5)



Suppressed Edges (Sigma=1.5, Pct=0.6)



Suppressed Edges (Sigma=2.0, Pct=0.7)



Final Edges (Sigma=0.5, Pct=0.4)



Final Edges (Sigma=1.0, Pct=0.5)



Final Edges (Sigma=1.5, Pct=0.6)



Final Edges (Sigma=2.0, Pct=0.7)



Sobel Edges



Roberts Edges



Zero-Crossing Edges



Results for joy1.bmp

Original Image



Smoothed (Sigma=0.5)



Smoothed (Sigma=1.0)



Smoothed (Sigma=1.5)



Smoothed (Sigma=2.0)



Gradient Magnitude (Sigma=0.5)



Gradient Magnitude (Sigma=1.0)



Gradient Magnitude (Sigma=1.5)



Gradient Magnitude (Sigma=2.0)



Strong Edges (Pct=0.4)



Strong Edges (Pct=0.5)



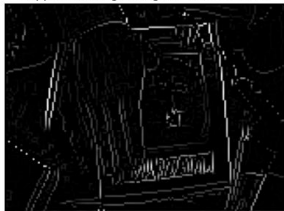
Strong Edges (Pct=0.6)



Strong Edges (Pct=0.7)



Suppressed Edges (Sigma=0.5, Pct=0.4)



Suppressed Edges (Sigma=1.0, Pct=0.5)



Suppressed Edges (Sigma=1.5, Pct=0.6)



Suppressed Edges (Sigma=2.0, Pct=0.7)



Final Edges (Sigma=0.5, Pct=0.4)



Final Edges (Sigma=1.0, Pct=0.5)



Final Edges (Sigma=1.5, Pct=0.6)



Final Edges (Sigma=2.0, Pct=0.7)



Sobel Edges



Roberts Edges



Zero-Crossing Edges

