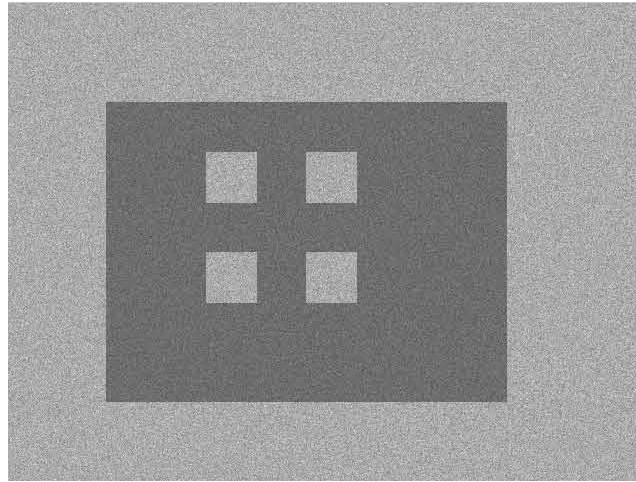


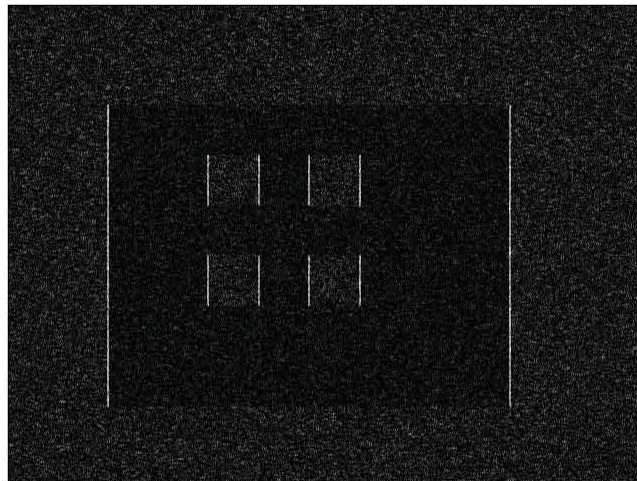
EECS101: HOMEWORK #4 SOLUTION

1. image1

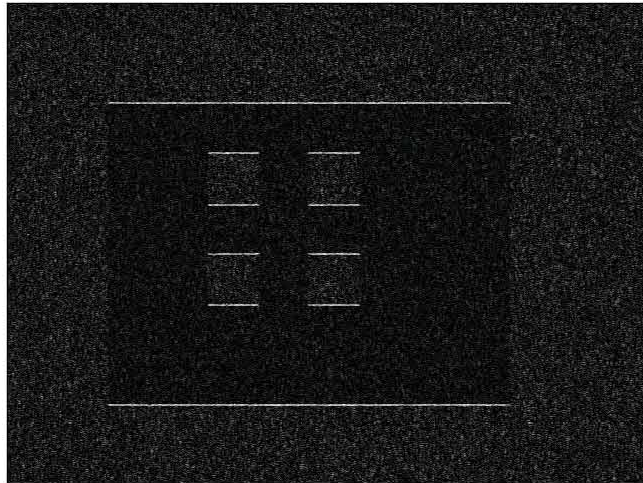
a) Display



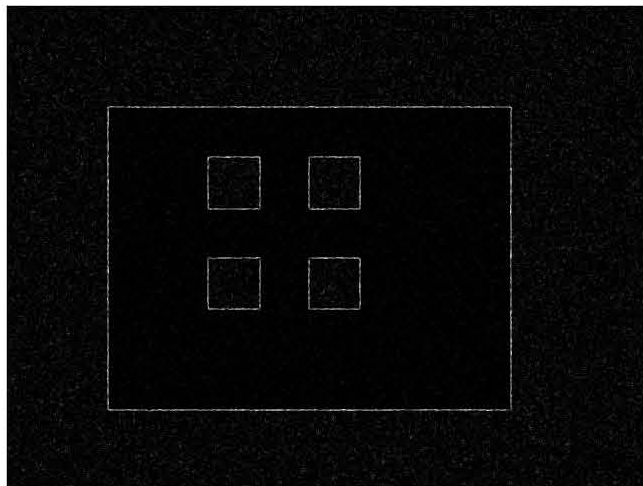
b) $\frac{\partial E}{\partial x}$ image



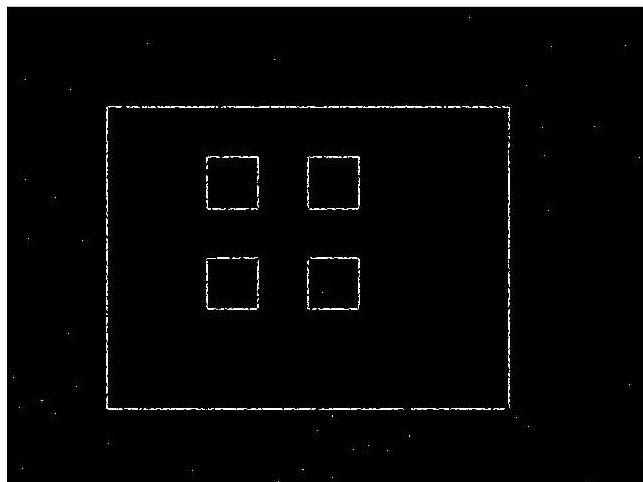
c) $\frac{\partial E}{\partial y}$ image



d) Squared gradient image



e) Binary image
Threshold = 70

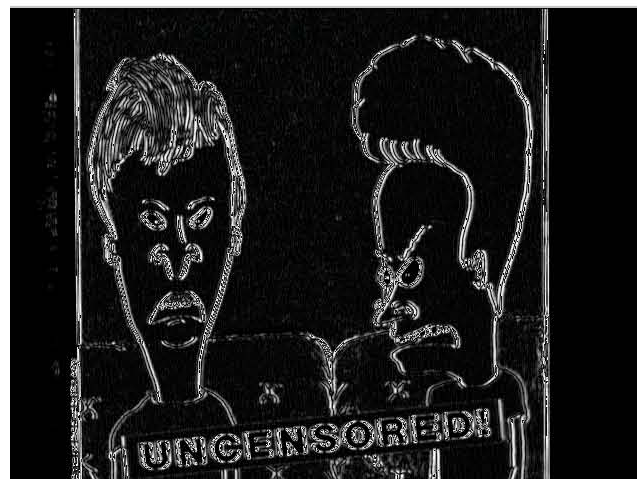


2. `mage2`

a) Display



b) $\frac{\partial E}{\partial x}$ image



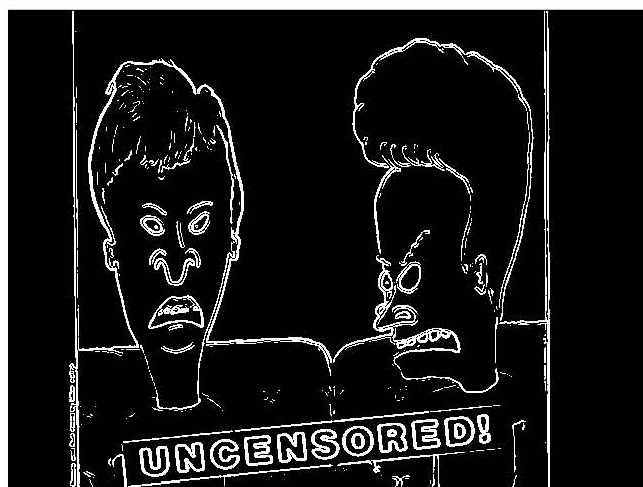
c) $\frac{\partial E}{\partial y}$ image



d) Squared gradient image



e) Binary image
Threshold = 10

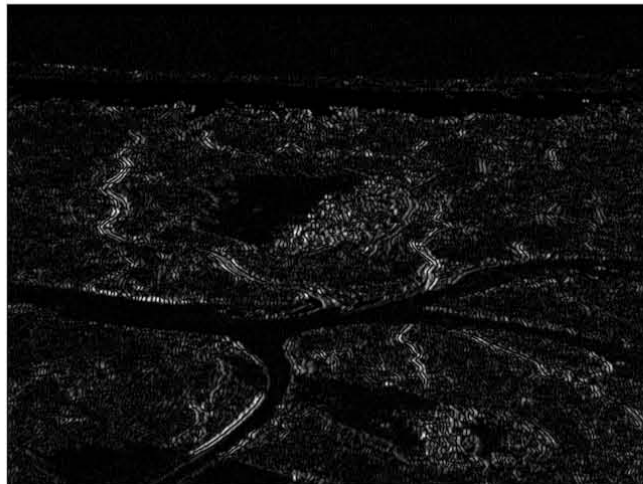


3. image3

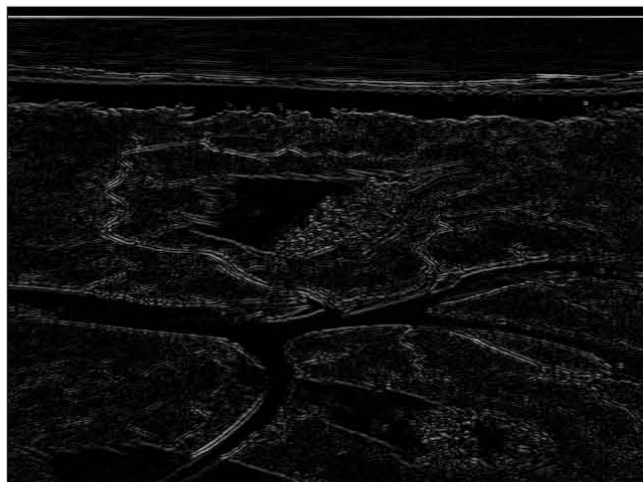
a) Display



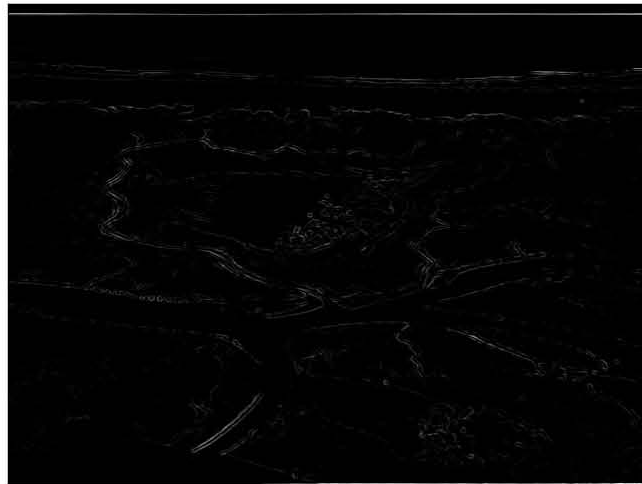
b) $\frac{\partial E}{\partial x}$ image



c) $\frac{\partial E}{\partial y}$ image



d) Squared gradient image



e) Binary image
Threshold = 10

