**Original**

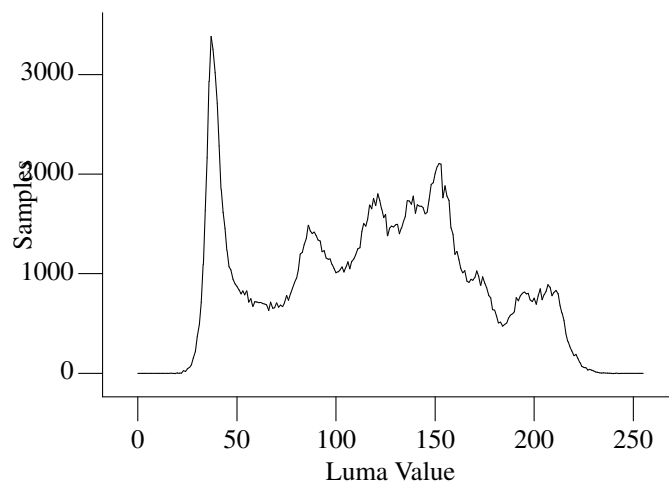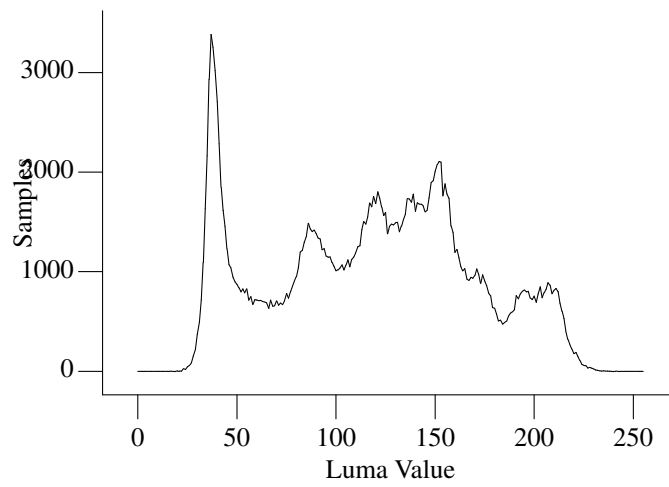**Threshold, No image processing**





$Luma_{min} = 17$
$Luma_{max} = 242$
$Luma_{avr} = 117$
$Count_{total} = 220900$
$Count_{min} = 0$
$Count_{max} = 3382$
$Count_{unique} = 223$

**Floyd-Steinberg, No image processing**


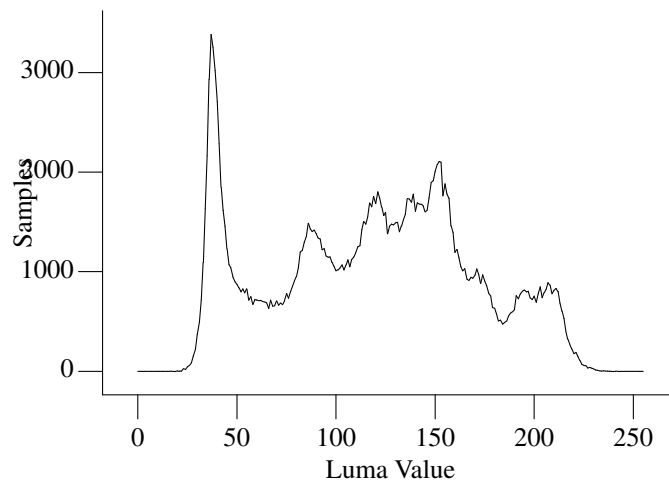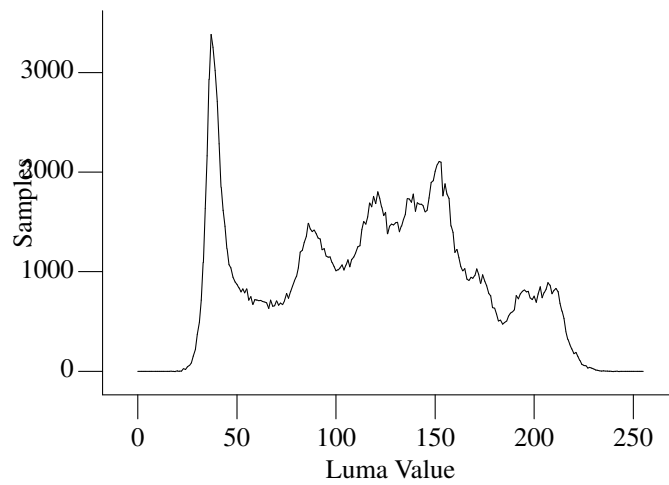


$Luma_{min} = 17$
$Luma_{max} = 242$
$Luma_{avr} = 117$
$Count_{total} = 220900$
$Count_{min} = 0$
$Count_{max} = 3382$
$Count_{unique} = 223$

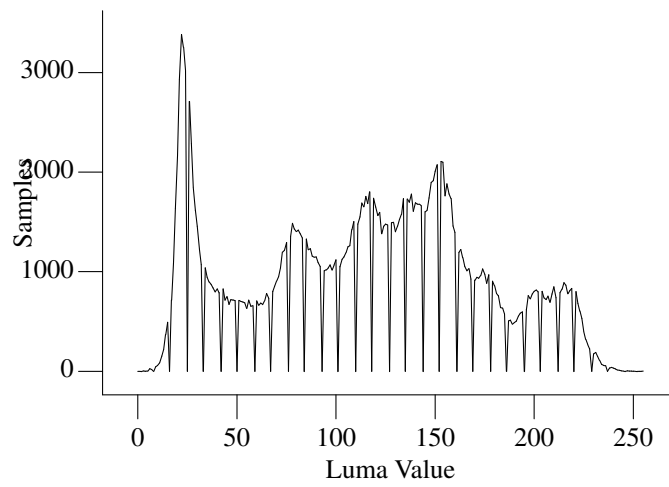**Jarvis, Judice & Ninke, No image processing**





$Luma_{min} = 17$
$Luma_{max} = 242$
$Luma_{avr} = 117$
$Count_{total} = 220900$
$Count_{min} = 0$
$Count_{max} = 3382$
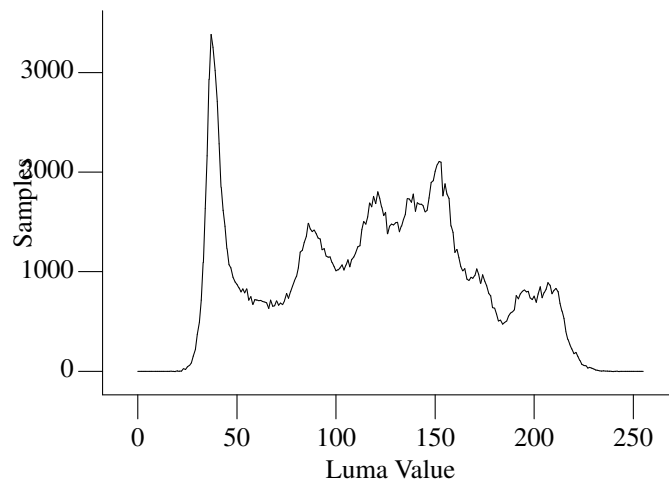$Count_{unique} = 223$

**Sierra, No image processing**





$Luma_{min} = 17$
$Luma_{max} = 242$
$Luma_{avr} = 117$
$Count_{total} = 220900$
$Count_{min} = 0$
$Count_{max} = 3382$
$Count_{unique} = 223$

**Jarvis, Judice & Ninke, Luma Stretching**





$Luma_{min} = 0$
$Luma_{max} = 255$
$Luma_{avr} = 113$
$Count_{total} = 220900$
$Count_{min} = 0$
$Count_{max} = 3382$
$Count_{unique} = 223$

**Jarvis, Judice & Ninke, Threshold Adjustment**



$Luma_{min} = 17$
$Luma_{max} = 242$
$Luma_{avr} = 117$
$Count_{total} = 220900$
$Count_{min} = 0$
$Count_{max} = 3382$
$Count_{unique} = 223$

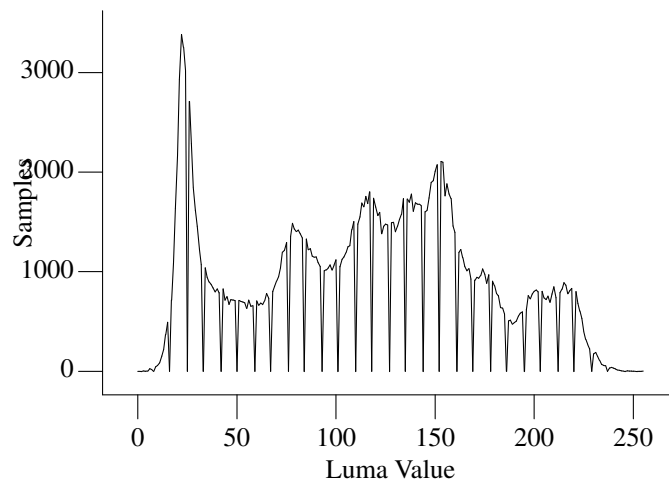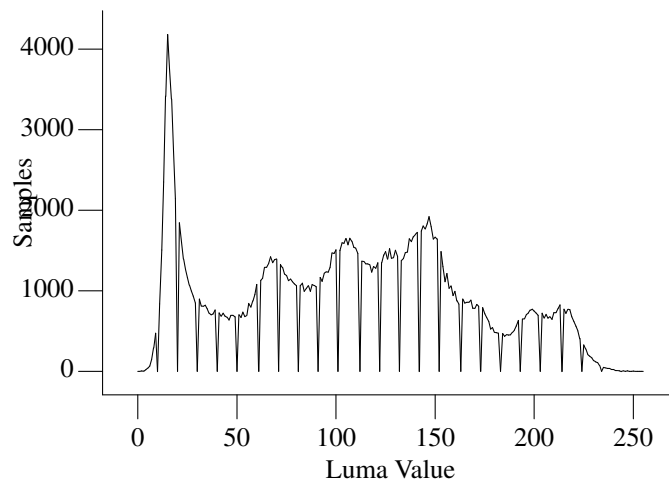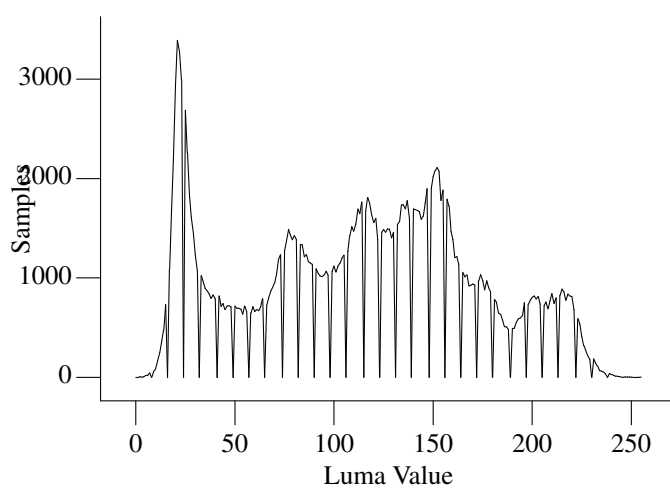**Jarvis, Judice & Ninke, Luma Stretching & Threshold Adjustment**





$Luma_{min} = 0$
$Luma_{max} = 255$
$Luma_{avr} = 113$
$Count_{total} = 220900$
$Count_{min} = 0$
$Count_{max} = 3382$
$Count_{unique} = 223$

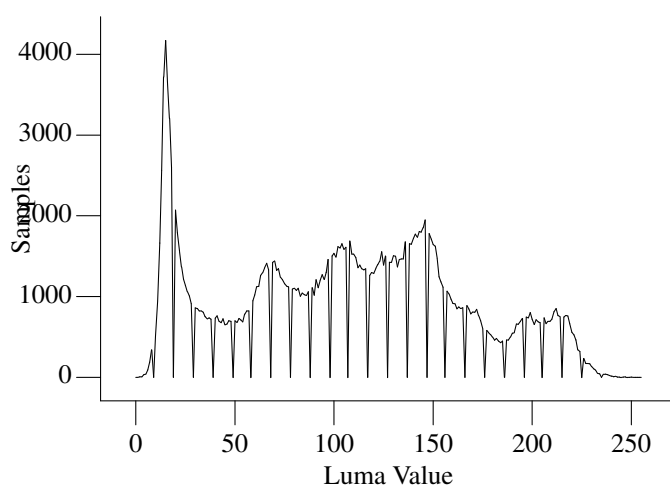**Jarvis, Judice & Ninke, Luma Stretching & Threshold Adjustment, BT709**





$Luma_{min} = 0$
$Luma_{max} = 255$
$Luma_{avr} = 105$
$Count_{total} = 220900$
$Count_{min} = 0$
$Count_{max} = 4182$
$Count_{unique} = 225$

**Jarvis, Judice & Ninke, Luma Stretching & Threshold Adjustment, CCIR 601**





$Luma_{min} = 0$
$Luma_{max} = 255$
$Luma_{avr} = 112$
$Count_{total} = 220900$
$Count_{min} = 0$
$Count_{max} = 3388$
$Count_{unique} = 222$

**Jarvis, Judice & Ninke, Luma Stretching & Threshold Adjustment, SMPTE 240M**



$Luma_{min} = 0$
$Luma_{max} = 255$
$Luma_{avr} = 105$
$Count_{total} = 220900$
$Count_{min} = 0$
$Count_{max} = 4172$
$Count_{unique} = 225$