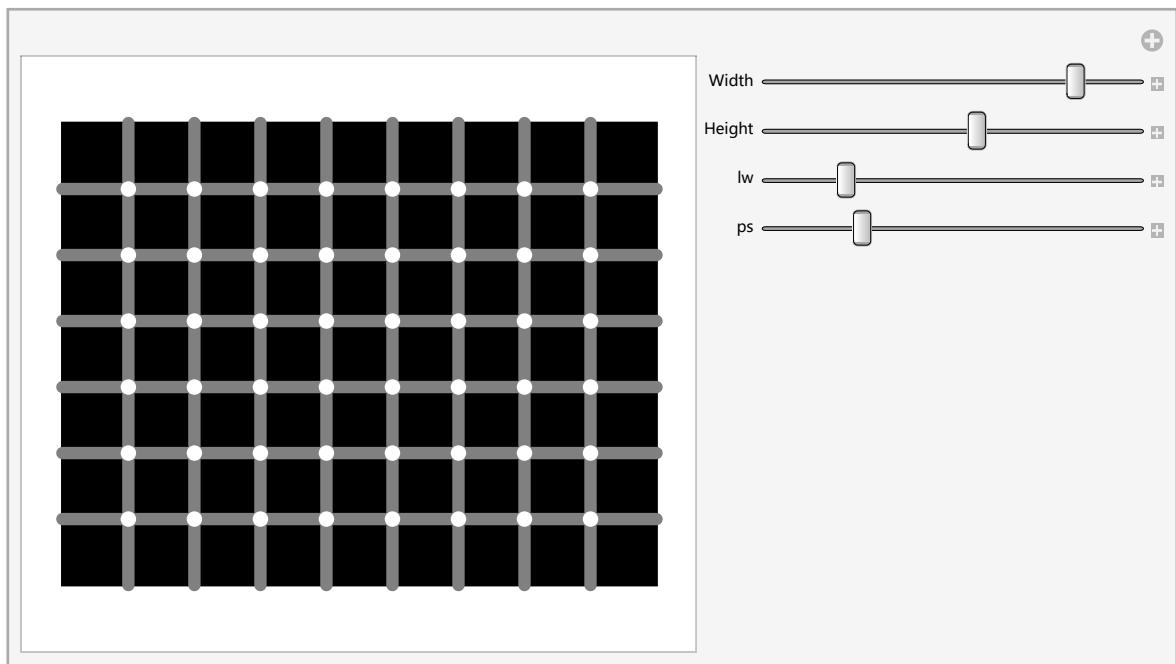


# ScintillatingGrid Illusion

<https://mathworld.wolfram.com/ScintillatingGridIllusion.html>

```
In[ ]:= Manipulate[coor = Table[{i, j}, {i, 0, w}, {j, 0, h}];  
  |交互式操作 |表格  
  pts = Flatten[coor[[2 ;; -2, 2 ;; -2]], 1];  
  |压平  
  line = coor[[2 ;; -2, {1, -1}]] ~Join~ Transpose@coor[[{1, -1}, 2 ;; -2];  
  |连接 |转置  
  Graphics[{Black, Rectangle[{0, 0}, {w, h}], Gray, Thickness[lw], CapForm["Round"],  
  |图形 |黑色 |矩形 |灰色 |粗细 |帽格式 |舍入  
    Line[line], White, PointSize[ps], Point[pts]}], {{w, 8, "Width"}, 3, 10, 1},  
  |线段 |白色 |点的大小 |点  
  {{h, 5, "Height"}, 3, 10, 1}, {{lw, 0.02}, 0.001, 0.1}, {{ps, 0.025}, 0.001, 0.1}]
```

Out[ ]:=



## 简化

```

In[ ]:= c = Table[{i, j}, {i, 0, 9}, {j, 0, 7}];
          |表格
p = Flatten[c[[2 ;; -2, 2 ;; -2]], 1];
          |压平
l = c[[2 ;; -2, {1, -1}]] ~Join~ Transpose@c[[{1, -1}, 2 ;; -2]];
          |连接 |转置
Graphics[{Black, Rectangle[{0, 0}, {9, 7}], Gray, Thickness[.02],
          |图形 |黑色 |矩形 |灰色 |粗细
          CapForm["Round"], Line[l], White, PointSize[.03], Point[p]}]
          |帽格式 |舍入 |线段 |白色 |点的大小 |点

```

Out[ ]:=

