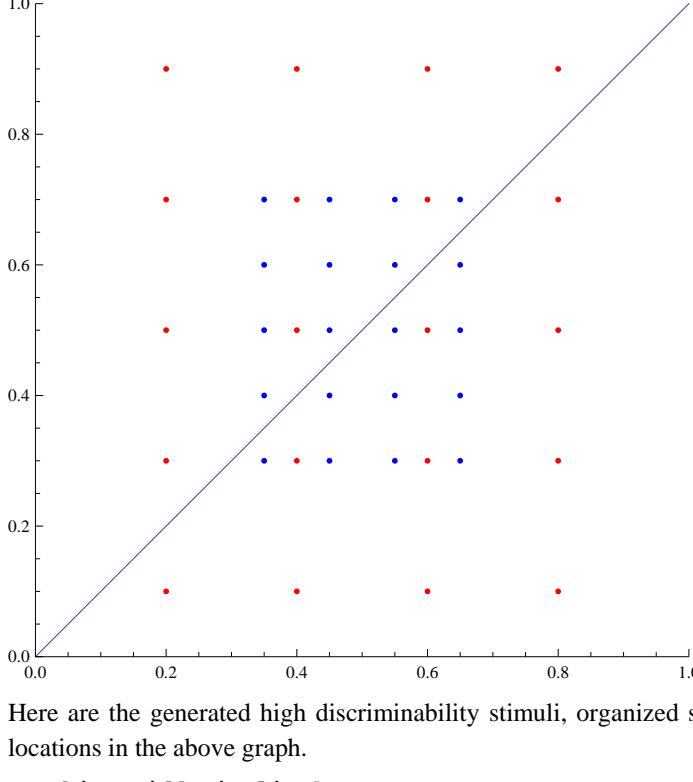


Stimuli

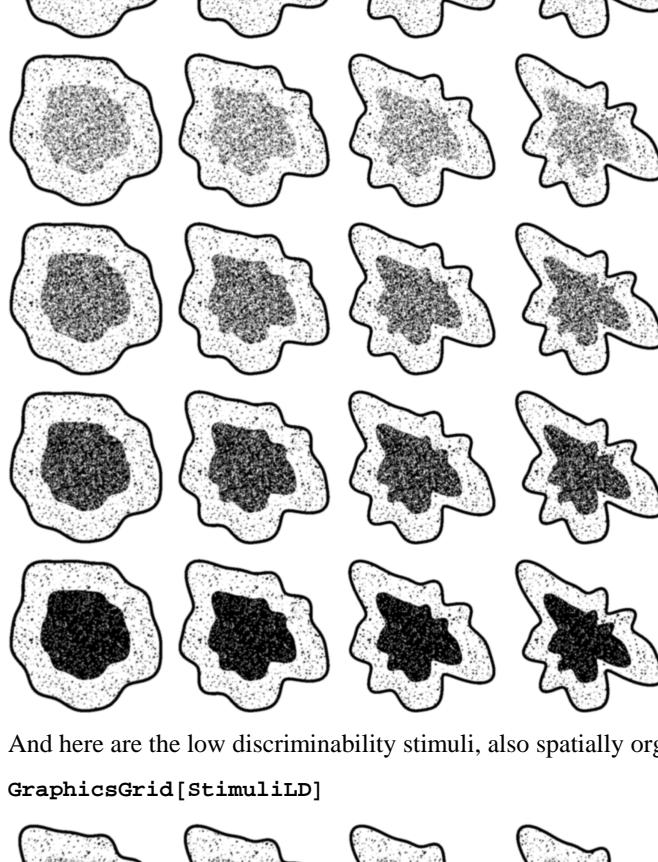
This first graph shows the coordinates of the stimuli in the two - dimensional space that generates them. The red dots are the stimuli for the high - discriminability condition and the blue dots are the stimuli for the low discriminability condition. The solid line is the category boundary.

```
In[148]:= Show[ListPlot[HDCoords, PlotStyle -> Red, PlotRange -> {{0, 1}, {0, 1}}, AspectRatio -> 1],  
ListPlot[LDCoords, PlotStyle -> Blue], Plot[y = x, {x, 0, 1}]]
```



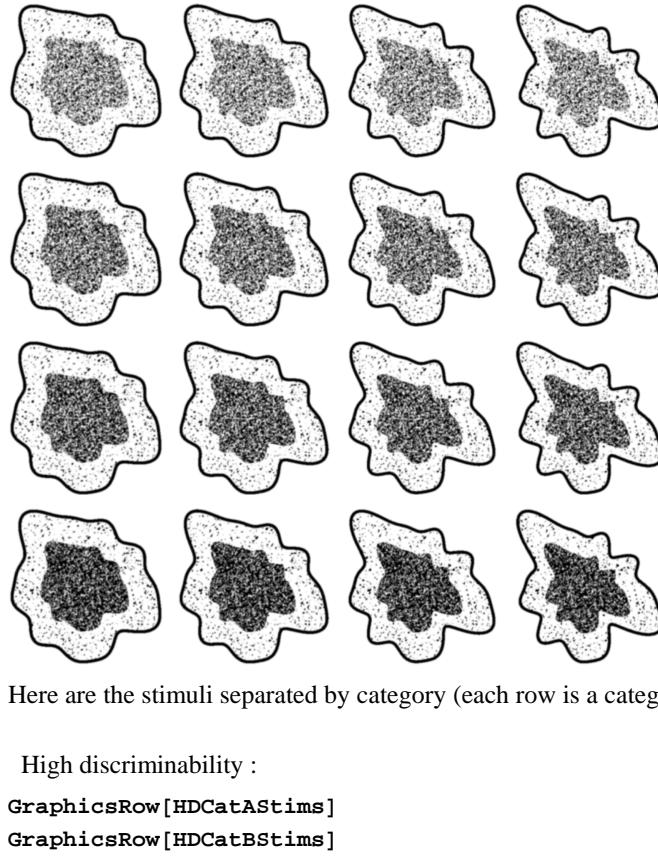
Here are the generated high discriminability stimuli, organized so that their physical location corresponds to the locations in the above graph.

```
In[149]:= GraphicsGrid[StimuliHD]
```



And here are the low discriminability stimuli, also spatially organized to correspond to the first graph.

```
In[150]:= GraphicsGrid[StimuliLD]
```



Here are the stimuli separated by category (each row is a category).

High discriminability :

```
In[151]:= GraphicsRow[HDCatAStims]
```

```
GraphicsRow[HDCatBStims]
```

```
Out[151]=
```

```
Out[152]=
```

```
Out[153]=
```

```
Out[154]=
```

Low discriminability :

```
In[153]:= GraphicsRow[LDCatAStims]
```

```
GraphicsRow[LDCatBStims]
```

```
Out[153]=
```

```
Out[154]=
```