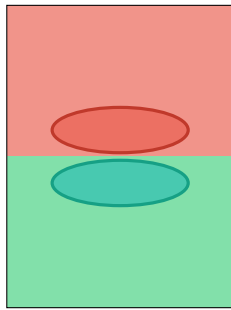
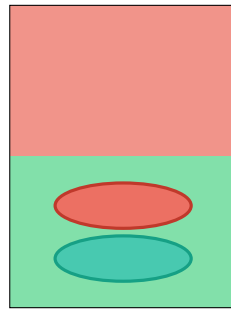


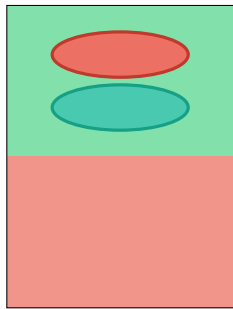
(a) drawing



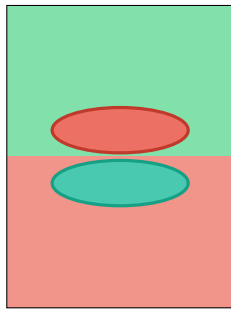
(b) drawing



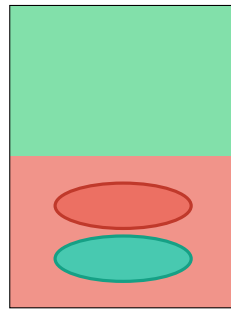
(c) drawing



(d) drawing



(e) drawing



(f) drawing

The following figure is different

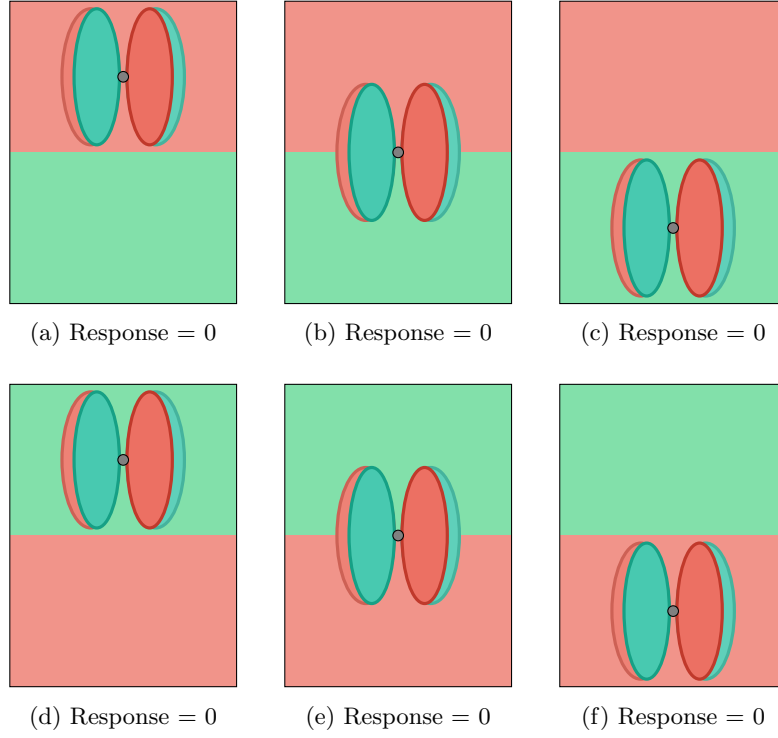


Figure 2: A double opponent cell selective to vertically oriented borders; completely unresponsive to a horizontal border. While its R_{on} receptive field might be strongly stimulated in (a) and (f), its R_{off} receptive field cancels it out. Similarly, in (c) and (d) its G_{on} receptive field is stimulated but cancelled out by activity in its G_{off} receptive field. In (b) and (e) both of its R_{on} and G_{on} receptive fields are moderately activated, but again, cancelled out by activation in its R_{off} and G_{off} receptive fields, respectively.