

2 Gestalt cues influence neuronal activity in visual cortex and affect perceived contrast

Contents

Now that we have outlined the topic and identified six research questions, we will start by tackling RQ1, RQ2, RQ3, and RQ6 in this chapter. The global visual scene extends over a large visual space and must be analyzed in higher cortical areas where cells have large receptive fields. As discussed in the introduction, it is to a large extent unknown how global scene interpretation can influence figure-ground modulation in lower visual cortical areas. The experiments in this chapter also allow for an investigation of the neural computations in the visual system underlying figure-ground modulation.