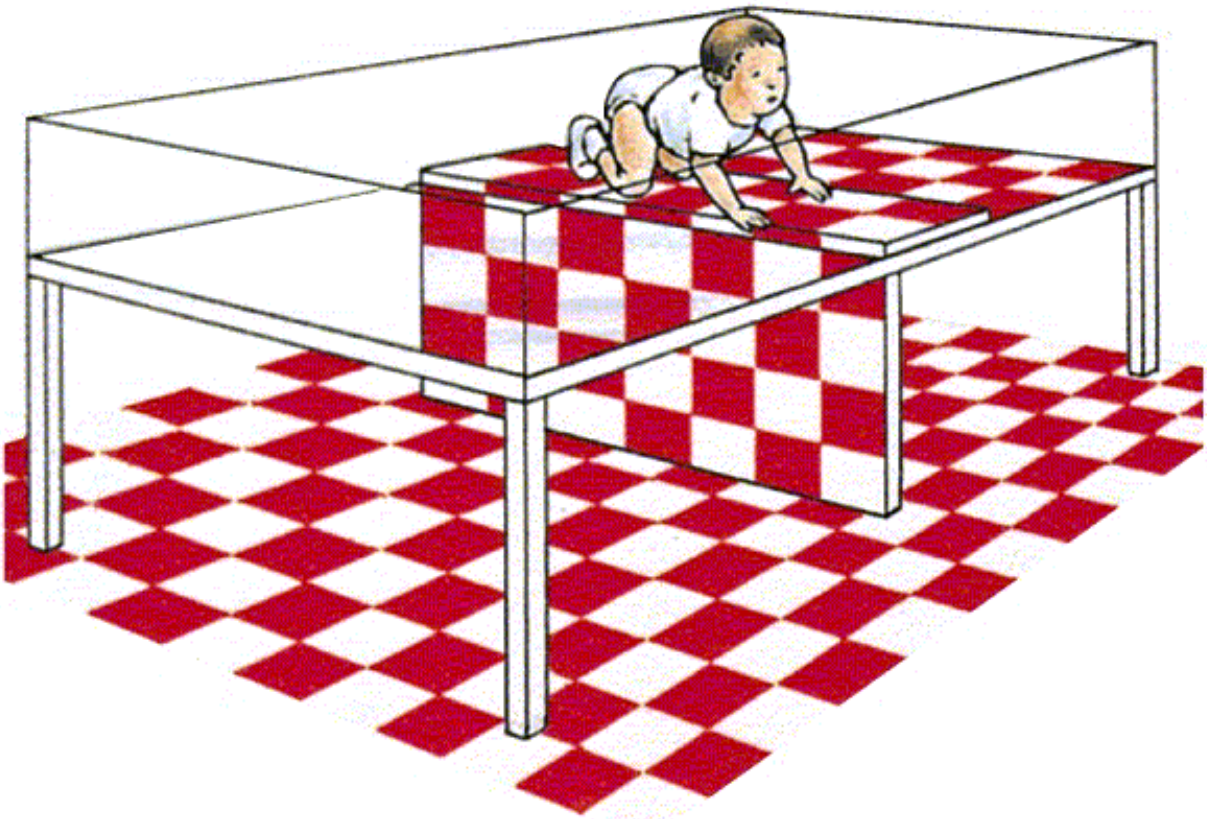
AALBORG UNIVERSITY
STUDENT REPORT



Human senses and perception miniproject

Depth perception

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January 11, 2018

Contents

1
Introduction

Depth perception. What cues does the brain use to infer depth in the visual scene? Under what conditions do the various cues operate? In particular, explain what is meant by "stereopsis" and "binocular disparity" and how these are used in the construction of stereograms and autostereograms.(Abrams & Yantis, 2017)

2
Theory

Going through the theory in the book *Sensation and perception*, to categorize the different depth cues a tree was made, and to give structure to my essay, I remade a copy of it as seen Figure 2.1, and will utilize this for presenting my findings and answering the topic questions.

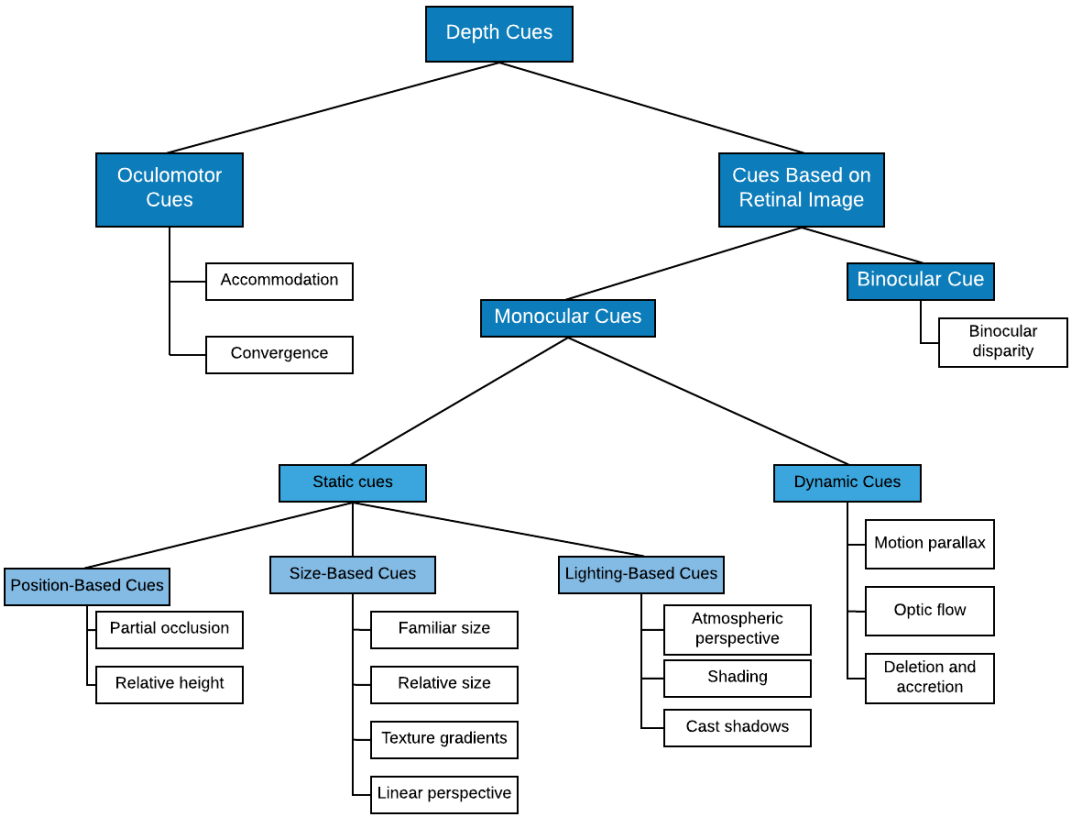

Figure 2.1: All the depth cues from the book, Sensation and Perception(Abrams & Yantis, 2017), the figure was made as a copy from the figure on page 195.

2.1 Oculomotor cues

Information from muscles in the eye and such

2.2 Retinal image cues

Retinal image information

2.2.1 Static cues

No movement

2.2.2 Dynamic cues

Movement

2.3 Stereopsis

2.3.1 binocular disparity

Difference between the eyes and shit

stereograms

Autostereograms

3
Discussion

4
Conclusion

References

Abrams, R., & Yantis, S. (2017). *Sensation and perception* (Second ed.). Worth Publishers.