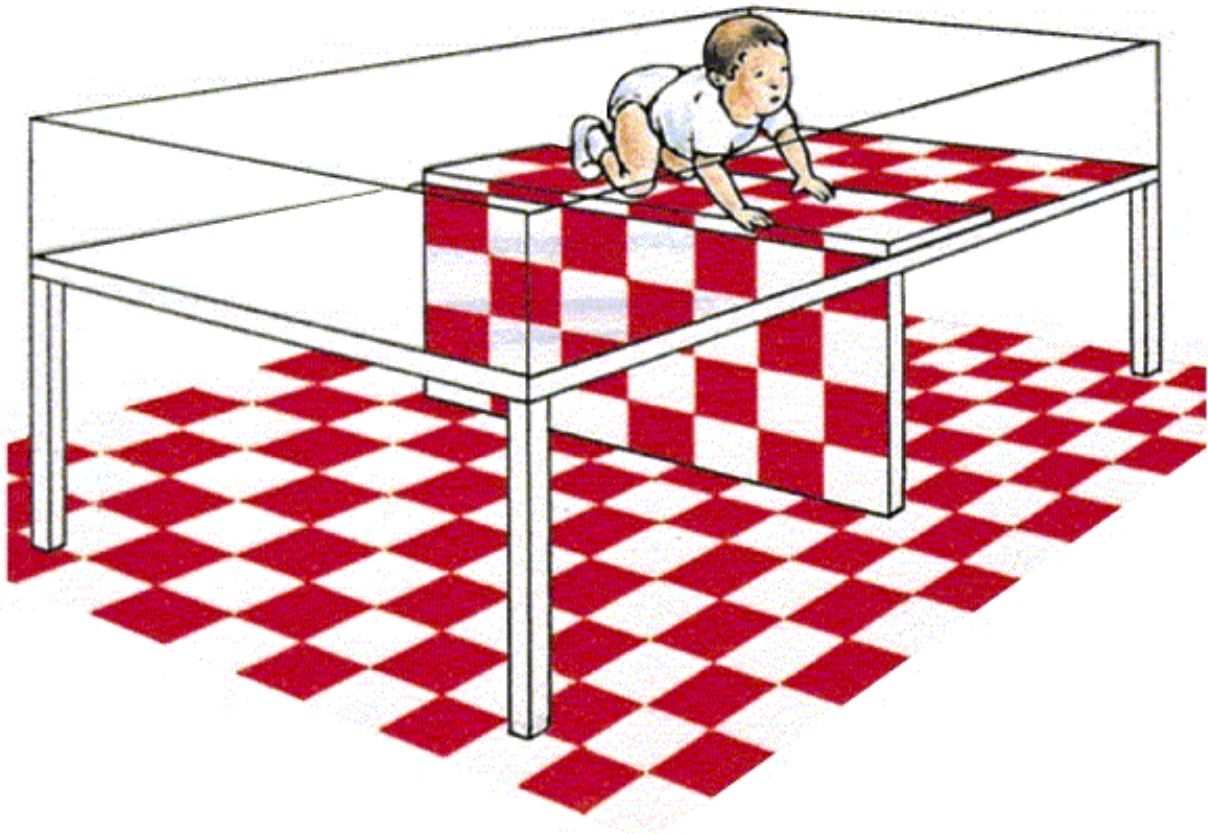




AALBORG UNIVERSITY
STUDENT REPORT



Human senses and perception miniproject

Depth perception

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January 11, 2018

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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

2.1 Oculomotor cues

2.2 Retinal image cues

2.2.1 Static cues

No movement

2.2.2 Dynamic cues

Movement

2.3 Stereopsis

2.4 binocular disparity

Difference between the eyes and shift

3

Discussion

4

Conclusion

References

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