**DEPARTMENT OF PHILOSOPHY,
LINGUISTICS AND THEORY OF SCIENCE**

SPATIAL RELATIONS IN EMERGENT LANGUAGES

This is the subtitle

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Abstract

Preface

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1.2 Motivation

1.3 Contribution

1.4 Scope

2   Background and Related Work

[Dominik Künkele] 7 pages

2.1   Dataset

[Dominik Künkele]
- CLEVR
—- 3D objects
—- simple objects

2.2   Language Games

[Dominik Künkele]
- EGG
- Resnet
- CLEVR baselines

3   Experimental Setup

[Dominik Künkele] - what is ambiguity?
- control over dataset
- target object/target group/non-target group:
—- 1. how many objects?
—- 2. how many shared attributes?
—- 3. which shared attributes?
—- 4. level of ambiguity
- as close to CLEVR as possible
—- image size
—- number (10.000)
—- between 3 to 10 objects ???
- unambigous dataset:
—- target group = non-target group
—- all attributes shared, except for the color
—-   –> describable with one 'word'

4   Results and Discussion

[Dominik Künkele] 15 pages

5 Ethical Considerations

6 Critiques and Limitations

[Dominik Künkele] 3 pages

7 Future Work

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8 Conclusion

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References

A   Resources