Hierarchical architectures for spiking Winner-Take-All networks
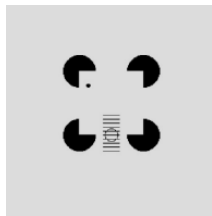
Christoph Rieger

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Outline

Spiking neural networks

stdp, model

Biological background

- First item

- Second item

- Third item

Kanizsa square, Lee TS (2003)

Bayesian inference

Model

- First item

- Second item

- Third item

Experiments

Conclusion

- Biological effects could be reproduced

- Connection between model and Bayesian Inference was shown

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