



Universiteit  
Leiden  
The Netherlands

## Multi modal representation learning and cross-modal semantic matching

Wang, X.

### Citation

Wang, X. (2022, June 24). *Multi modal representation learning and cross-modal semantic matching*. Retrieved from <https://hdl.handle.net/1887/3391031>

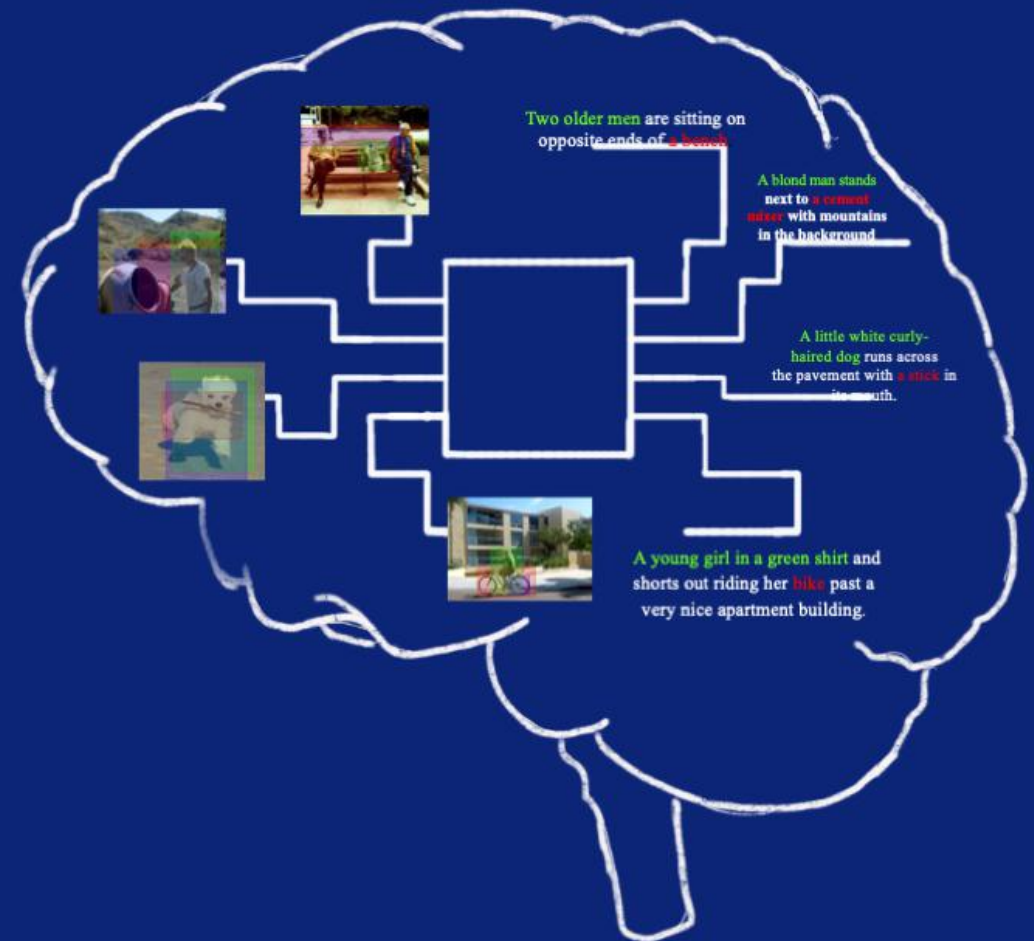
Version: Publisher's Version

License: [Licence agreement concerning inclusion of doctoral thesis in the Institutional Repository of the University of Leiden](#)

Downloaded from: <https://hdl.handle.net/1887/3391031>

**Note:** To cite this publication please use the final published version (if applicable).

# Multi Modal Representation Learning and Cross-Modal Semantic Matching



Xue Wang

Multi Modal Representation Learning and Cross-Modal Semantic Matching

Xue Wang