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### Neural Text Rewriting

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Propositions accompanying the thesis

## **Neural Text Rewriting: Style Transfer, Figurative Language, and Beyond**

1. Human beings can compose texts with different characteristics according to their needs, or teach a neural language model to do it.
2. Neural language models can be explicitly guided through rewards to learn specific abilities.
3. General knowledge helps to improve neural language models's task-specific capabilities, which can also be transferred from one language to another.
4. Large language models (e.g. ChatGPT) are not only NLP task solvers but may also serve as evaluators.
5. Injecting a simple tag into the encoder enables generation between figurative forms without the need for parallel figurative-figurative pairs.
6. A small language model can be guided using natural language to handle multiple interrelated tasks simultaneously.
7. Unified modelling of figurative language benefits from cross-figurative and cross-lingual knowledge transfer.
8. ``One day you decide to test it out and what you experience is like a miracle.”  
- mFLAG [one model in this thesis]

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