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| --- | --- | --- | --- |
| Algorighm | Model | Paper | complexity |
| Addition | Grid-LSTM |  |  |
| LSTM  No generalization | Learn to execute  Curriculum Learning |  |
| Copy | NTM |  |  |
| Grid-LSTM  No curriculum learning or other training strategies  No generalization |  |  |
| LSTM  Curriculum learning | Learn to execute  c |  |
| Multiplication | Neural GPUs |  |  |
|  | Improve Neural GPUs |  |  |
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