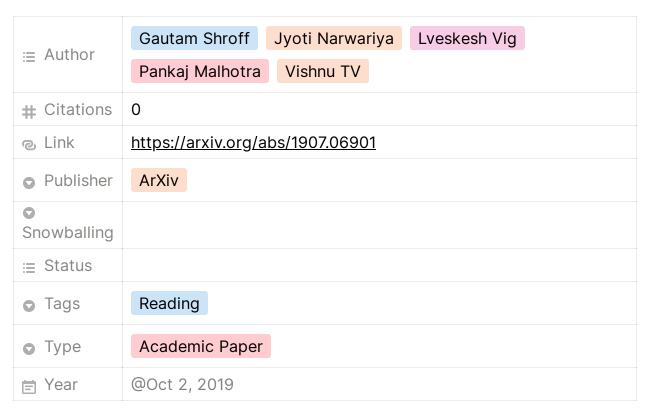
Meta-Learning for Black-box Optimization



What did the authors try to accomplish?

- introduced RNN-Opt: an RNN trained optimizer under certain constraints
- can deal with:
 - 1. unknown range of possible values for black-box function to be optimized
 - 2. practical and domain knowledge based constraints

What were the key elements of the approach?

- Regret-based loss function
- Deal with lack of prior knowledge on range of the black-box function
- Incorporate domain-constraints

What parts can you use yourself?

• using domain constraints in RNN

What other references do you want to follow?