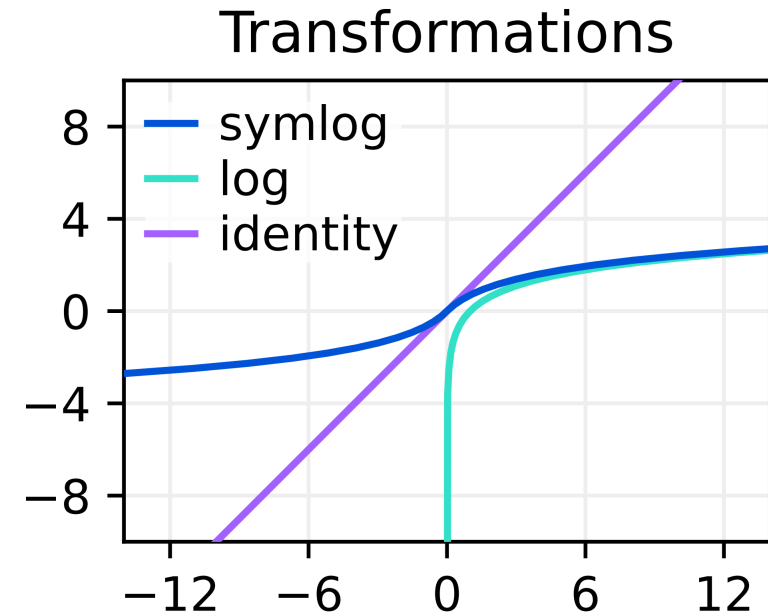


Replacing Clipping in PPO with simlog function

- Clipping needs a threshold hyperparameter
- DreamerV3: apply algorithm to different environments without extra HPO
- Simlog function squashes rewards into similar magnitudes
- Normalization would require prior knowledge about the rewards



(DreamerV3 <https://arxiv.org/pdf/2301.04104.pdf>)

$$\text{symlog}(x) \doteq \text{sign}(x) \ln(|x| + 1)$$

Results on LunarLander-v2

IT DOES NOT WORK :)