

Breadcrumbs to the Goal:

Massachusetts Institute of Technology, Harvard University, University of Washington

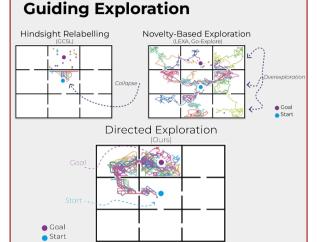
Goal-Conditioned Exploration from Human-in-the-Loop Feedback



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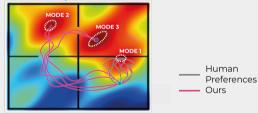


Introduction



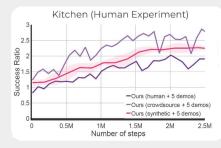
Noisy human feedback

Robust to Noisy Human Feedback



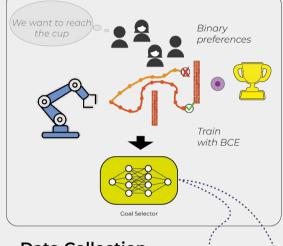
Human Feedback Interface



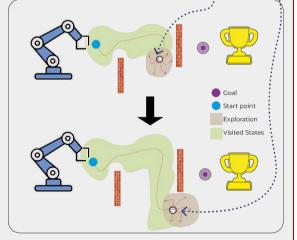


HuGE: Human-Guided Exploration

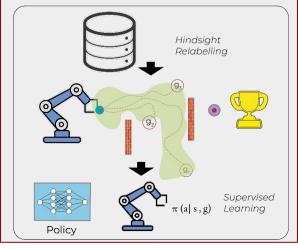
Goal Selector Training



Data Collection



Policy Learning



Experiments

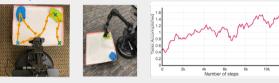


Drawing in the real world





Pick & place in the real world





Crowdsourcing Experiments

109 non-experts annotators providing labels asynchronously



Simulation Experiments

