

## Review-1

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### Action and Perception as Divergence Minimization

Divergence minimization has seen a tremendous growth in designing novel Reinforcement Learning (RL) objectives over the past few years. A good choice of RL objective is essential in maintaining a balance between informative exploration and inferring environment representations. To that end, the work presents a unified objective which combines the key elements of action and perception as joint divergence minimization. The key idea behind the objective is to extract relevant information from representations observed by the agent and utilize them in an efficient manner to align future dynamics as per the beliefs of the agent.