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entire neural networks [5, 4, 38, 46, 21]. To search convo-lutional neural networks (CNNs) [20], typical approaches apply RL to optimize the searching policy to discover architectures [1, 5, 46, 31]. Baker et al. [1] trained a learning agent by Q-learning to sequentially choose CNN layers. Zoph and Le [46] utilized long short-term memory

Searching for a Robust Neural Architecture in Four GPU Hours

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