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denotes the parameters of the DNN. Program Synthesis using Deduction-Guided Reinforcement ... Alpha Go algorithm.<sup>22</sup> Though it has great search success rate, the method does not take green chemistry into account. Schreck et al.<sup>3,27</sup> used another variant of MCTS, Upper Confidence bound applied to Trees (UCT),<sup>28–30</sup> in a reinforcement learning approach to find synthesis pathways with as few buyable precursors as possible. However, the UCT method is prone to Towards efficient discovery of green synthetic pathways ... Algorithms for Reinforcement Learning Synthesis Lectures on Artificial Intelligence and Machine Learning: Amazon.es: Szepesvari, Csaba, Brachman, Ronald, Dietterich, Thomas: Libros en idiomas

extranjeros Algorithms for Reinforcement Learning Synthesis Lectures ... The team at DiffBlue decided that using reinforcement learning algorithms coupled with program synthesis to generate the “the best-fit-tests” for the code is the best solution in this use case. Automating Java Code Testing With Program Synthesis dominant model to solve reinforcement learning problems. Generally, we call these methods deep reinforcement learning algorithms, since these algorithms use a deep neural network as the value function approximator or the policy function approximator. Deep q-learning (DQN) [22], double DQN [9], dueling DQN (DDQN) [36] are prestigious algorithms that train a deep neural network for reinforcement learning problems.

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