

- a.) The learning rate controls the explore-exploit tradeoff, where larger values of the learning rate emphasize explore.
- b.) The learning rate controls the explore-exploit tradeoff, where larger values of the learning rate emphasize exploit.
- c.) In a fully deterministic environment, the learning rate should be set to $e = 2.71828$.
- d.) In a stochastic environment, the learning rate should be set to $\pi = 3.14159$.