

论文

MARKOV DECISION PROGRAMMING-THE FIRST PASSAGE MODEL WITH DENUMERABLE STATE SPACE

LIU Jianyong, LIU Ke

Institute of Applied Mathematics, Academia Sinica, Beijing 100080, China

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摘要 In this paper, we discuss MDP with discrete time parameter-the first passage model with denumerable state space. Under assumption A in this paper, we prove that an $\varepsilon(>0)$ -optimal stationary policy exists. To find an ε -optimal stationary policy, an algorithm of policy improvement iteration and a method of successive approximations are given.

关键词 [Markov decision programming, first passag](#)

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Key words [Markov decision programming](#) [first passage model](#) [optimal policy](#)

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