

PLANEAMENTO AUTOMÁTICO COM BASE EM PDM

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PROCESSOS DE DECISÃO DE MARKOV

- Representação do mundo sob a forma de PDM

S – conjunto de estados do mundo

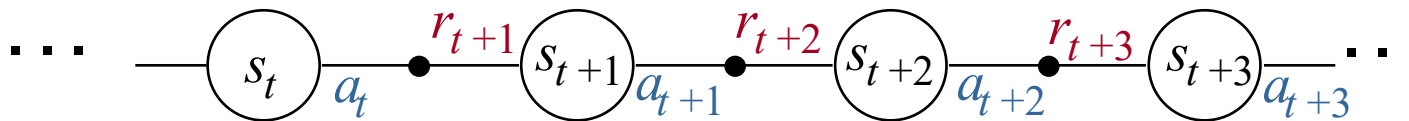
$A(s)$ – conjunto de acções possíveis no estado $s \in S$

$T(s, a, s')$ – probabilidade de transição de s para s' através de a

$R(s, a, s')$ – retorno esperado na transição de s para s' através de a

γ – taxa de desconto para recompensas diferidas no tempo

$t = 0, 1, 2, \dots$ – tempo discreto

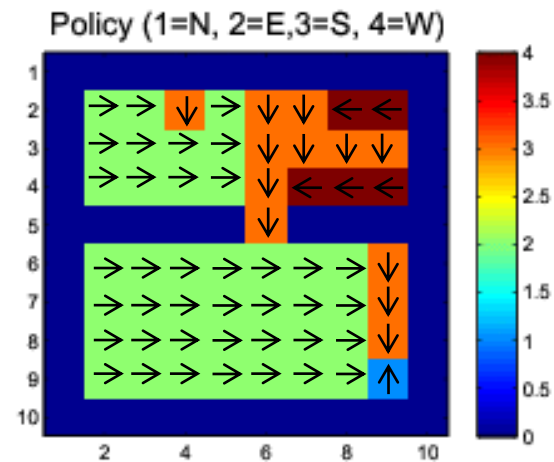
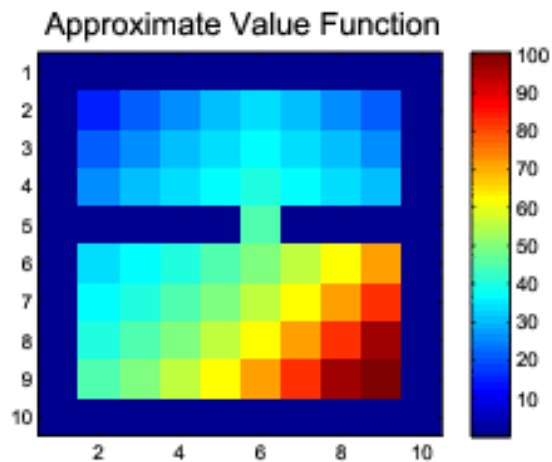
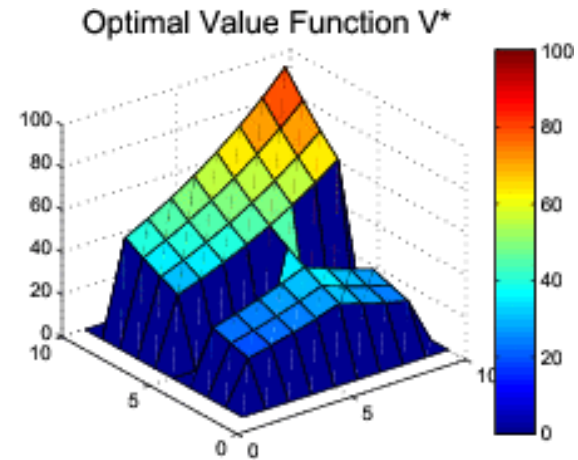
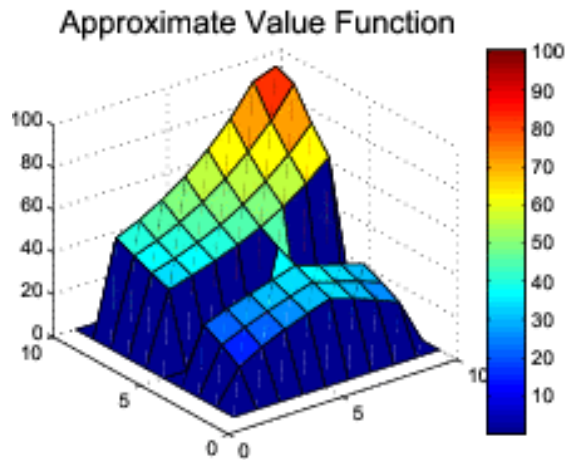


Cadeia de Markov

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UTILIDADE E POLÍTICA



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