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Mandom Walk to six

Nalle & ether way by 50% shance.

V(S) =
$$z_p$$
 (s' | a_i s) V(s|)

So we have

V(A) = 0.5 V(B)

V(B) = 0.5 (V(A) + V(C))

V(C) = 0.5 (V(B) + V(D))

V(D) = 0.5 (V(C) + V(E))

V(E) = 0.5 + 0.5 V(D)

V(B) = 0.5 (0.5 (0.5 (0.5 (0.5))))

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V(B) = 0

Scarrieu with CamSc

$$V(E) = \sum_{n=1}^{\infty} 0.5^{2n-1} + 0.5^{2n} V(C)$$

$$V(D) = 0.5 (V(C) + V(E))$$

$$= 0.5V(C)(1 + \sum_{n=1}^{\infty} 0.5^{2n}) + 0.5\sum_{n=1}^{\infty} 0.5^{2n-1}$$

$$V(C_2) \approx 0.3509 \qquad V(C_3) \approx 0.4509$$
 $V(C_3) \approx 0.3990$

$$V(B) = 0.5(1/6 + 1/2) = 1/3$$

$$V(B) = 1/3$$