Action b

$$T(x'|a,ne)=P_{b}=\begin{cases} 0 & 0.5 & 0.5 & 0.5 & 0.5 \\ 1 & 0 & 0 & 0.5 \\ 0 & 1 & 0 & 0.5 \\ 0 & 1 & 0 & 0.5 \\ 0 & 0 & 1 & 0.5 \\ 0 & 0 & 0 & 0.5 \end{cases}$$

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## Ebsevelian Helix:

$$O_{\bullet} = \begin{bmatrix} 1 & 0 & 0 & 0 \\ 0 & 1 & 0 & 0 \\ 0 & 0 & 1 & 0 \\ 0 & 0 & 0 & 1 \end{bmatrix}$$

Cost function:

0.10

b = 1 b + la, a & A ( + fator de moundirager Les Creneral formule to update agent belief For action a of time step t: 0 0,6 0,5 00 b+1=1.[0,00,50,50,00]x 00010 00001 01 000 = = [0 0 0 0,5 0,5] = [0000,50,5] For action b at time stept: 100,50,500 10000 10000 001000 b\_t+1 = = 1 x [0,0 0,5 0,5 0,0 0,0] x =[10000] For action C at time stopt: 0.0,50,5007 20000 b+1 = 1 [0,0 0,5 0,0 0,0] x =[10000],