Bagora 4, Myrkm 2.

1) Tyemb
$$\mathcal{R}_{1} = \mathcal{R}_{0} = 0.5$$
; $\mathcal{A}_{1} = \mathcal{Q}_{0} = \begin{pmatrix} 0 \\ 0 \end{pmatrix}$, $\mathcal{E}_{0} = E_{2}$, $\mathcal{E}_{1} = \begin{pmatrix} 1 & 0 \\ 0 & 5 \end{pmatrix}$. Though $|\mathcal{E}_{0}| = 1$; $|\mathcal{E}_{1}| = 5$, $|\mathcal{E}_{0}| = E_{2}$, $|\mathcal{E}_{1}| = \begin{pmatrix} 1 & 0 \\ 0 & 1/5 \end{pmatrix}$. Though yor hopenine paybug: $-2\log Q_{5} + \log 1 + (x,y) \cdot \begin{pmatrix} 1 & 0 \\ 0 & 1 \end{pmatrix} \cdot \begin{pmatrix} x \\ y \end{pmatrix} = -2\log Q_{5} + \log 1 + (x,y) \cdot \begin{pmatrix} 1 & 0 \\ 0 & 1 \end{pmatrix} \cdot \begin{pmatrix} x \\ y \end{pmatrix} = -2\log Q_{5} + \log 5 + (x,y) \cdot \begin{pmatrix} 1 & 0 \\ 0 & 1/5 \end{pmatrix} \cdot \begin{pmatrix} x \\ y \end{pmatrix} = \log S + (x,y) \cdot \begin{pmatrix} 1 & 0 \\ 0 & 1/5 \end{pmatrix} \cdot \begin{pmatrix} x \\ y \end{pmatrix} = \log S + (x,y) \cdot \begin{pmatrix} 1 & 0 \\ 0 & 1/5 \end{pmatrix} \cdot \begin{pmatrix} x \\ y \end{pmatrix} = \log S + (x,y) \cdot \begin{pmatrix} 1 & 0 \\ 0 & 1/5 \end{pmatrix} \cdot \begin{pmatrix} x \\ y \end{pmatrix} = \log S + (x,y) \cdot \begin{pmatrix} 1 & 0 \\ 0 & 1/5 \end{pmatrix} \cdot \begin{pmatrix} 1$

2) Tyens $Q_0 = {0 \choose 0}$, $Q_1 = {1 \choose 1}$, $T_0 = T_1 = 0.5$, $E_0 = {3 \choose 0}$, $E_1 = {1 \choose 0}$. Though: $|E_0| = |E_1| = 3$, $E_0' = {1 \choose 0}$, $E_1' = {1 \choose 0}$. Though yorknesses yourseless.

(x, y) $\binom{1}{3}$ $\binom{0}{9}$ = (x-1, y-1) $\binom{1}{0}$ $\binom{0}{13}$ $\binom{0}{y-1}$ $\stackrel{(x-1)}{=}$ $\frac{x^2}{3}$ + $\frac{y^2}{3}$ = $(x-1)^2$ $\frac{(y-1)^2}{3}$

The ecrob $X^2 + 3y^2 = 3x^2 - 6x + 3 + y^2 - 2y + 1 (=> (y + \frac{1}{2})^2 = (x - \frac{3}{2})^2 -$

3) Tyche Tho=0,1, Ti=0,9, a oindibnoe-kak bylegbiggigen nyique. Thoiga b koneman ypabnemin young arela gota-buser -2(log0,1-log99).3 = 6 log9 > 0. U como ypabnemine Sygem unemb lug $(X - \frac{3}{2})^2 - (y + \frac{1}{2})^2 = 6 \log 9 - \frac{1}{2} = 6 \log 9 - \frac{1}{2}$

4) Democrocs naryrums naporsary. Tyuns To=T1=0,5; ao=(1), 91-(2);

Morga grabnenue unem lug: Hogt + (x, y)

 $\log 1 + (X-1)^2 + (y-2)^2 = \log \frac{1}{2} + (X-2)^2 + 2(y-1)^2$ x2-2x+1+ y2-4x+4= log = +x2-4x+4+242-49+2

2x-1-y2=log = l=> y2=2x-1+log2 - napordalor

Umak, Ice remogre mosquemore "nosquemornu" nosquemor. Xorenat ommenumb, une was your neodroguesce mpedolana, a unenno, une $T_0 + T_1 = 1$, a makine, une E_0 u E_1 - cumulmyurine nousmultho enpegeresque manqueyor.