$$\frac{3}{7} P_{j-c,e} \quad \text{λολα jo πc, } 270$$

$$\rho(x_{i}) q(x_{j} | x_{i}) = \rho(x_{j}) q(x_{i} | x_{j})$$

$$\rho(x_{i}) q(x_{j} | x_{i}) = \rho(x_{i}) \rho(x_{j} | x_{1} ... x_{j-1} x_{j+1} ... x_{n}) = \rho(x_{i}, x_{j} | x_{1} ... x_{j-1} x_{j+1}...$$

$$= \rho(x_{j}) \rho(x_{i} | x_{1} ... x_{i-1} x_{i+1} ... x_{n}) = \rho(x_{j}) q(x_{i} | x_{j})$$

$$\text{Mazkov Chain Monte-Cazlo}$$

$$\rho(\theta) = \frac{\rho(\theta)}{2\rho}$$
1) $\theta^{(0)} = (\theta_{1}^{(0)} ... \theta_{n}^{(0)})$
2) $\text{Ποβ τορ e em T pag } (t=1,2... T) / q(\theta_{1} | \theta_{2}^{(t-1)} ... \theta_{n}^{(t-1)})$

1)
$$\theta^{(0)} = (\theta_1^{(0)}, \theta_n^{(0)})$$

2) $\Pi_0 \theta_0 \theta_0 \theta_0 \theta_1 + \theta_1 \theta_2 +$

Communicated $\theta \sim q(\theta | \theta) = \frac{1}{2}$ $q(\theta_n | \theta_i^{(t-1)}, \theta_{n-1}^{(t-1)})$ Thum was $\theta = \theta^{(t)} = \theta^*$ c bep-to $\alpha = 1$ Positive Foreso b 70 st, 250 state special robot graves beez-