$$(1) \Rightarrow y_1 \sim \mu(t, 1) \qquad \nu_1 = y_1 - 3y_1 \\ y_2 \sim \mu(t, 1) \qquad \nu_2 = 4y_1 - 3y_2 \\ y_3 \sim \mu(t, 1) \qquad \nu_3 = 4y_1 - 3y_2 \\ y_4 \sim \mu(t, 1) \qquad y_4 \sim \mu(t, 1) \\ y_5 \sim \mu(t, 1) \qquad y_5 \sim \mu(t, 1) \\ y_6 \sim \mu(t, 1) \qquad y_6 \sim \mu(t, 1) \\ y_6 \sim \mu(t, 1) \qquad y_6 \sim \mu(t, 1) \\ y_6 \sim \mu(t, 1) \qquad y_6 \sim \mu(t, 1) \\ y_6 \sim \mu(t, 1) \qquad y_6 \sim \mu(t, 1) \\ y_6 \sim \mu(t, 1) \qquad y_6 \sim \mu(t, 1) \\ y_6 \sim \mu(t, 1) \qquad y_7 \sim \mu(t, 1) \\ y_7 \sim \mu(t, 1) \qquad y_8 \sim \mu(t, 1) \\ y_8 \sim \mu(t, 1) \qquad y_9 \sim \mu(t, 1) \\ y_9 \sim \mu(t, 1) \qquad y_9 \sim \mu(t, 1)$$

$$\frac{1}{6} = \frac{(n-1)}{6} \cdot (2 - \kappa^2)$$

$$\frac{\sqrt{-k}}{2} = \frac{1}{4} + \frac{1}{4} = \frac{1}{4} + \frac{1}{4} = \frac{1}$$

$$|\frac{1}{2}|$$
a.)  $\Rightarrow y_{1,...,N_{k}} \stackrel{\text{(id)}}{\sim} P_{0}(s_{1}... | 0)$ 

$$\Rightarrow Show E(x) = 0 \qquad A_{1}(e^{0}) = e^{0|e^{0}|^{2}}$$

$$E(x) : M_{1}(e^{0}) = 0 \qquad (c.0)$$