$$J(0^{+}) = (0+1)^{2} + (0-1)^{2} + 0^{2} + 0^{2} = 2$$

$$J(0) = (\theta_0 - \theta_1 + 1)^2 + (\theta_0 - \theta_1 - 1)^2 + (\theta_0 + \theta_1 - 1)^2 + (\theta_0 + 2\theta_1 - 3)^2$$

$$= 0_{0}^{2} + 0_{1}^{2} + 1 + 2(-9_{0}0, -\beta_{1} + 0_{0}) + 0_{0}^{2} + 0_{1}^{2} + 2 + 2(-9_{0}0, +\beta_{1} - \beta_{0})$$

$$\frac{\partial}{\partial \theta_0} = 8\theta_0 + 2\theta_2 - 10$$
, $\frac{\partial}{\partial \theta_0} = 14\theta_1 + 2\theta_0 - 16$

$$g'$$
 using $|2-n|_{l_1=2}=\frac{1}{2}(2+3)=2.5$