$f(x|\theta) = \theta x^{\theta-1}$ 47 L(B(x) = A 0x.6-1 1 (01x) = 1/10+ 2/11(xi0-1) $= n | n + (\theta - 1)$ $\leq ln(x_1)$ $\frac{1}{10}l(\theta | x) = 0 + \frac{2}{5}ln(x_i)$ $0 = n + \frac{2}{2} \ln(x_i)$ - 5 /1(x1) = 1 - 6 E/1(x1)=1 d (0) + 2 h(xi) = -0 < 6 max d) li $\theta \times \theta = 0 \times (0) - 1 = [0]$ regality querywhen $\theta = 0 \times (0) = [0]$ by $\theta = 0 \times (0) = [0]$ $l: \theta \times^{\theta - 1} = \infty (x)^{\infty - 1} = \infty$ 1 T