$$(6.4-10)$$

$$mme \text{ for some tric distribution}$$

$$S(X; \theta) = (1-p)^{X-1} \cdot p$$

$$L(p) = \prod_{i=1}^{n} p(1-p)^{X-1}$$

$$ln(L(p)) = n \ln(p) \cdot \frac{2}{5}(X; -1) \ln(1-p)$$

$$Zind \text{ arg max } l(p)$$

$$L(p) = 0$$

$$dp$$

$$\sum_{i=1}^{n} (n \cdot L(p)) = 0$$

$$n \cdot \ln(p) \cdot \frac{2}{5}(X; -1) \cdot \ln(1-p) = 0$$

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