```
1 (z-a) + (1z+2a) Z
5z4 - 4z3
                              QE [(Z-a)+(2)
           X+ 15 40.025 = 4.4587
                4-2693, 4-4587
                     t_{0.025}(4) = 4.2968
             \mathbb{R} | E(x) = E(e^{t}) = \int_{-\infty}^{\infty} e^{t} \cdot \mathbb{R}
                           =\frac{1}{4}(\ln 0.5 + \ln 1.25 + \ln 0.8 + \ln 2) = 0
                   (-0.98.0.98)
         (3) E(x) = e^{M+\frac{1}{2}} : (e^{-0.48}, e^{-48})
   20, 区间长度: 21 ug 50
        P\left(\frac{1}{3}X(n) < \theta\right) = P(X(n) < 3\theta) = F_{X(n)}(3\theta) =
          \left(\frac{1}{2}X(n)(\theta) = P(X(n)(2\theta)) = F_{X(n)}(2\theta) = \left(\frac{32\theta - \frac{\theta}{3}}{8}\right)
  P(\frac{1}{3}X(n) < \theta < \frac{1}{2}X(n)) = 1 - P(\frac{1}{3}X(n) > \theta) - P(\frac{1}{2}X(n) \times \theta) =
```