

$$5. (a) \quad \sigma = \frac{d(\frac{K}{L}) / (\frac{K}{L})}{d(\frac{dK}{dL}) / (\frac{dK}{dL})} = \frac{d\ln(\frac{K}{L})}{d\ln(MRTS)} = \frac{d\ln(\frac{K}{L})}{d\ln(\frac{K}{L})} = 1$$

$$(b) \quad \sigma = \frac{d\ln(\frac{K}{L})}{d\ln(MRTS)} = \frac{d\ln(\frac{K}{L})}{d\ln(\frac{1}{L})} = \infty$$

8.

~~32~~ 41 - (3)

$$9. A) \quad a = (L^\alpha + K^\alpha)^\beta$$

$$= \lambda (L^\alpha + K^\alpha)^\beta$$

$$= \lambda a$$

规模报酬固定