

السؤال الثاني

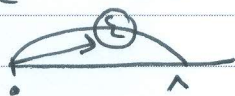
$$\left[\frac{(1+s)^0}{(1+s)^0} \right] = s \left[\frac{(1+s)^0}{1 \times s^0} \right] = s \left[\frac{(1+s)^0}{s^0} \right] \quad (1)$$

$$s \left[\left(\frac{1}{s} + 1 \right) \frac{1}{s} \right] = s \left[\frac{(1+s)}{s} \right] \frac{1}{s} =$$

تطبيق قاعدة لافونتين $\left[\frac{(1+s)}{s} \right] \times \frac{1}{s} =$

$$s + \left(\frac{1}{s} + 1 \right) \frac{1}{s} = s + \left(\frac{1}{s} + 1 \right) \times \frac{1}{s} =$$

$$cc = s \left[\varepsilon + w \frac{1}{s} \right] + w (s) \quad (2)$$



إذا $\varepsilon = \left[\varepsilon + w \frac{1}{s} \right]$ في الفترة $(0, c)$

$$cc = s \varepsilon + w (s) \quad (3)$$

$$cc = \varepsilon \times (c - 0) + w (s) \quad (4)$$

$$1c - cc = w (s) \quad (5)$$

$$c = w (s) \quad (6) \quad \Rightarrow \quad 1 = w (s) \quad (7)$$

$$(7) = c \times s = w (s) \quad (8)$$

الخطوة 1: $c - s + 0 + 0 - P = \frac{cP}{w} \quad (9)$

$$w(c - s + 0 + 0 - P) = cP$$

$$s + 0 + c - 0 - \frac{c}{s} + \frac{P}{s} = P$$

$$1 = s + c - \frac{c}{s} + \frac{P}{s} = 1 = (1) \quad (10)$$

$$1 + s - c - \frac{c}{s} + \frac{P}{s} = w$$

$$2 \left[\varepsilon + 1 + \frac{P}{s} \right] = 1 + \varepsilon - \varepsilon \times \frac{c}{s} + \frac{P}{s} =$$

$$c\varepsilon - = \frac{P}{s}$$

$$\left[1 - \right] = \frac{c\varepsilon -}{s} = \frac{P}{s}$$

