ECESSI Howk 9.

3-1: (a).

$$\frac{1}{3} = \frac{1}{3} = \frac{1}{3}$$

$$\therefore R_{x}(t_{1},t_{2}) = 4 \cdot \frac{1}{3} + (\cot t_{1}-2)(\cot t_{2}-1)\frac{1}{3}$$

$$= \frac{1}{3} + \frac{1}{3}\cot t_{1}\cot t_{2}-\frac{1}{3}(\cot t_{1}\cot t_{2})$$

$$+ \frac{1}{3} = (1 + \frac{1}{3}\cot t_{1}\cot t_{2}-\frac{1}{3}(\cot t_{1}\cot t_{2})$$

$$+ \frac{1}{3} = (1 + \frac{1}{3}\cot t_{1}\cot t_{2}-\frac{1}{3}(\cot t_{1}\cot t_{2})$$
(b) (1)
$$\int_{x_{1}(x_{1})} = \frac{1}{3}\delta(x_{2}) + \frac{1}{2}\delta(x_{1}\cot t_{2})$$
(b) (1)
$$\int_{x_{1}(x_{1})} = \frac{1}{3}\delta(x_{1}) + \frac{1}{3}\delta(x_{1}) + \frac{1}{3}\int_{x_{1}} \int_{x_{1}\cot t_{2}} \int_{x_{1}} \int_{x_{1}\cot t_{2}} \int_{x_{1}$$

9-2:(a)
$$E[Y(+)] = E[X^{1}(+)]$$

= $E^{2}[X] + Variance$.

= $P_{X}(0) = E[X(+) | Y(+)]$

(b) $E[Y(+)] = 4 + 3 = 7$

9-3:(a) $E[X(k)]$

= $Variance$

= Va