$$\int_{S_{1}}^{\infty} dS = M_{1}dt + 6, dx,$$

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$$\int_{S_{1}}^{$$

$$Dis = of L(t)$$

$$L = \Upsilon(1-0)$$

$$Pr(L(t)) = Pr(\Upsilon(1-0)(t))$$

= Pr(Y = 1/2)

 $= G(\frac{\ell}{Fo})$

$$\frac{G(3)}{(-0)}$$

$$\frac{G'(3)}{(-0)}$$

$$\frac{G'(3)}{(-0)}$$

$$\frac{G'(3)}{(-0)}$$

$$\frac{\partial}{\partial y}$$

$$\frac{\partial}{\partial y$$

$$\frac{ds}{dx} = \frac{1}{6\pi}e^{-\frac{x^2}{2}}$$

$$= \frac{1}{6\pi}e^{-\frac{x^2}{2}}\left[\frac{2^7(s)}{2\pi}e^{-\frac{x^2}{2}}\right]^2$$

$$E\left(L(t;,l_1,l_1)\right)$$

$$= E\left(L(t;,o,l_1)\right) - E\left(L(t;,o,l_1)\right)$$

Expected Value of Base Tranh Loss E { L(t; o, e)]

= E { LI[L(1)7 (}] + \bigcirc

E { L(t) I { L(t) < l } } (2)

$$D = \{ E\{I\{(L(t), t\}) \}$$

$$= \{ Pr\{(L(t), t\}) \}$$

$$= \{ \{ (I-Pr((L(t), t)) \}$$

$$= \{ \{ (I-Q) \} \}$$

$$= \{ (I-Q) \}$$

$$= \{ (I-Q) \}$$

$$= (1-0) \left[\left(\frac{d}{2} \left(\frac{d-5e^{2}}{5re} \right) \right] \left[\frac{2}{2} - a \right] \right]$$

$$= (1-0) \left[\left(\frac{d}{3re} \right) \left(\frac{e}{ro} \right) \right]$$

$$= (1-0) \left[\frac{a^{2}}{2} \left(\frac{d-5e^{2}}{5re} \right) \right] \left[\frac{d}{2} \left(\frac{d-5e^{2}}{5re} \right) \right]$$

 $= (1-0) \int_{a}^{b} P_{r}(A(d|z) d\varrho(z))$

(9=E{F(t|2)(1-0) I{F(t|2)(1-0)(e})

= $(1-0) \Pr(A,cd, \frac{2}{2}(a))$ = $(1-0) \Pr(A,cd, \frac{2}{2}(a))$

= (1-0) \$ Pr(Acd, Z= 2) dz

 $P(A|B) = \frac{P(An)}{P(B)}$