

3.
$$\int_{V}^{\rho_{0}y} (t) = D(t, T) \int_{K}^{\infty} |RR(S)(S-K).f(S)dS$$

$$\int_{V}^{\rho_{0}y} (t) = D(t, T) \int_{K}^{K} |RR(S)(K-S).f(S)dS$$

$$V(K) = D(t, T) \int_{K}^{\infty} |RR(S)(S-K)^{\frac{1}{2}} \int_{K}^{\infty} |RR(S)(S-K).f(S)dS$$

$$\frac{\partial V}{\partial K} = D(t, T) \int_{K}^{\infty} |RR(K).f(K)| \int_{K}^{\infty} |RR(K$$



