CLOSED FORHULA FOR A CUQUET OPTION

$$= B(t_0,t_1) \, P(t_0,t_1) \, \delta \, (t_{...1},t_1) \, \frac{1}{E} \, \left[\left(LS(t_1) - S(t_{...1})^+ \right)^+ \right]$$

$$= B(t_0,t_1) \, P(t_0,t_1) \, \delta \, (t_{...1},t_1) \, \frac{1}{E} \, \left[\left(LS(t_1) - S(t_{...1}) \right)^+ \right] \, \frac{1}{2} \, \delta \, (t_{...1})^+ \, \frac{1}{2} \, \delta \, (t_{...1}) \, \delta \, (t_{...1})^+ \, \frac{1}{2} \, \delta \, (t_{...1})^+ \, \delta \, (t_{...1})^+ \, \frac{1}{2} \, \delta \, (t_{...1})^+ \, \delta \, (t_{.$$

+ $\pi \sum_{T=1}^{\frac{1}{2}} \sum_{i=1}^{\frac{1}{2}} [P(t_0, t_{T-i}) - P(t_0, t_T)] B(t_0, t_i) Stoe^{V(t_0)} (t_{i-1} - t_0) [N(d_i) - \frac{1}{4}e^{-V(t_{i-1})(t_i - t_{i-1})}] M(d_i)$