

plugin Uc & 6c  $\frac{u_{c}-r}{6c} = \frac{2c}{25}(u-r)\xi_{t} + v - r/\frac{2c}{25}\frac{.65t}{.ct}$ = (11-1 put-Call farity formula P + S = C + ke -r(T-t) p- put option value C- Call option value S- Stock value. P=C+ ke-rCT-t)\_S  $= SN(d_1) - ke^{-r(T-t)}, N(d_2) - S + ke^{-r(T-t)}$  $= 5[N(d_1)-1] - [N(d_2)-1] k \cdot e^{-r(\overline{t}-t)}.$ Using Black shale formula,  $N(d_1)-1=\frac{2t}{2s}.$   $=) # of Stock to hold in order to replicate is <math>N(d_1)-1.$