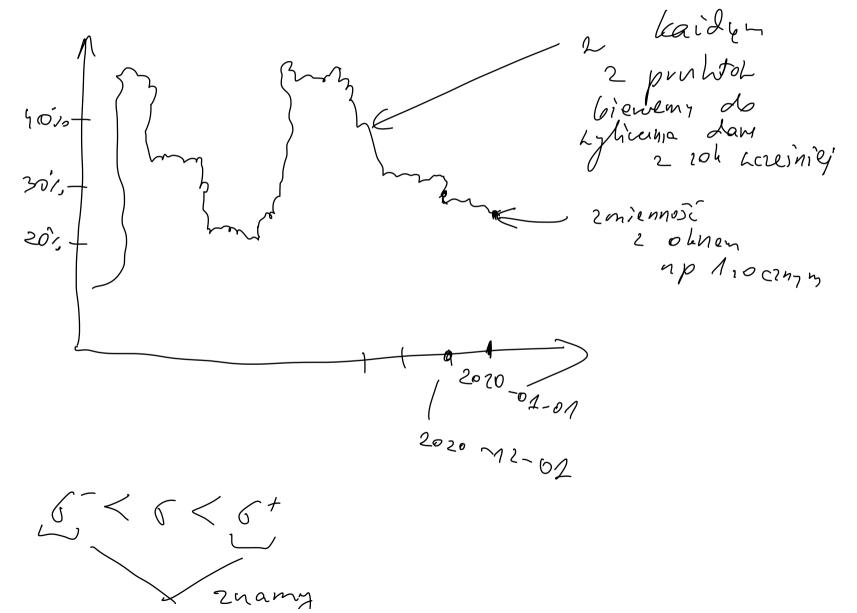
7. Wykład - niepewność parametrów

środa, 25 listopada 2020 10:14

[Rozdział 52 w Wilmotta]



$$d\Pi = \left(\frac{\delta V}{\delta t} + \frac{1}{2}6^2 S^1 \frac{\delta^2 V}{\delta S^2}\right) dt + \left(\frac{\delta V}{\delta S} - \Delta\right) dS$$

$$V = \frac{92}{8}$$

$$dT = \left(\frac{\partial V}{\partial t} + \frac{1}{2} \delta^2 S^2 \frac{\partial^2 V}{\partial S^2}\right) dt$$

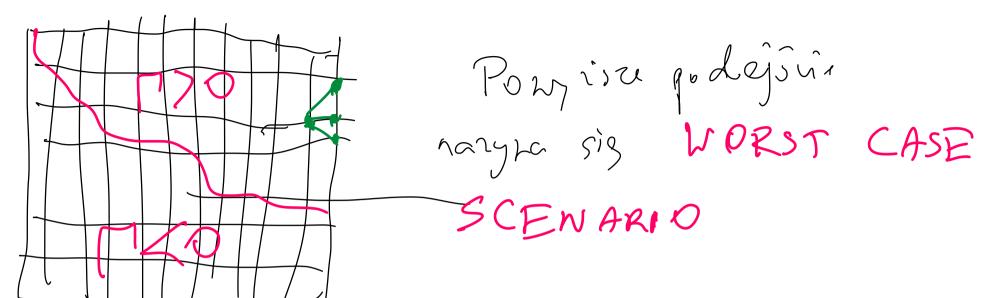
$$\frac{2inf}{6-c6c6t} \left(\frac{1}{3t} \right) = \frac{3v}{3s^2} \int_{-c6c6t}^{0neNote} \frac{1}{3s^2} \int_{-c6c6t}^{0n$$

2 definitions

$$S(\Gamma) = \frac{1}{5} \delta^{+} dla \Gamma > 0$$

$$\frac{\partial V}{\partial t} + \frac{1}{2} S^2 \cdot \left[6 \left(7 \right) \right]^2 - \frac{\partial^2 V}{\partial S^2} + \gamma S \frac{\partial V}{\partial S} - \gamma V = 0$$

2 modyfilorane nieliniore réprovie Blacka - Scholesa



Prythad op ya Up-and-out call

120

out opya nygasa 2 Lastosiig 0

stribe=100

tasparett

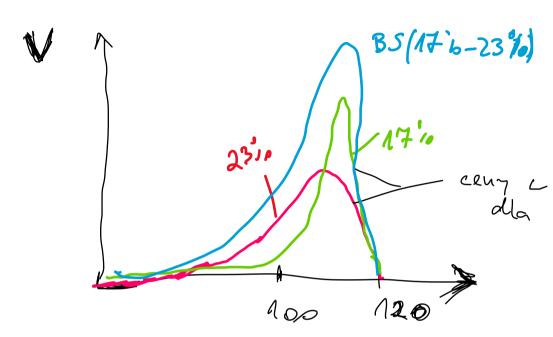
100=strike

maturity=17

r = 5%

17

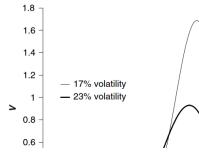
6 e (17/0, 23%)



dla voing de mil massi

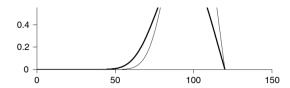
M ma rôine znalis,

17%



2.5 -2.0 -1.5 ->

case scemio



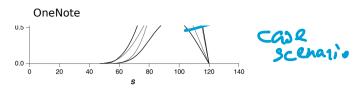
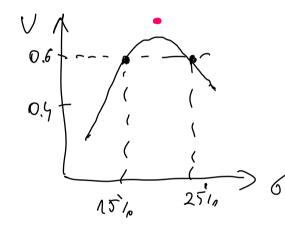


Figure 52.3 Up-and-out call value assuming a range for volatility, and two Black-Scholes prices

Ugles



E cens 2 lelasquinego 355 (dla jednej o)

1. Moie by tal, de 2 prosty oblication many duodi kandy dator na zmishnost implifozany 2. Moie leg 5 tak, z'e jahtgerna cena na synhu jest pozyiej tego zy kresu, np. 07. Morlin odposiedi: ynel Lycenis Pira vigua przedziań zwiennosi.

max cera 2 modelle blassing. B-S alla roingly zmiennosi. porjej ters myhorer nadomo, c'e jest ermy pora blaszingn rôznaniem B-S, 60 plotoprosto ne na ma takid s. Moie jesteling 2 modelle 2 6 predriators.