6.) P = E(2) ... Exponential verteiling ges: P(La,1,1,3]), P(Jo,5;0) and CER mit P(J-2,CJ) = 1/2/3/4  $P([0,4;1,3]) = F(1,3) - F(0,1) = 1 - e^{-2\cdot 1,3} - (1 - e^{-2\cdot 0,1}) = e^{-0,2} - e^{-2,6} = 0,744457$  $P(J_0, 5; D) = 1 - P(J_0, 0, 5]) = 1 - F(0, 5) = 1 - (1 - e^{-2.95}) = e^{-1} = 0,367879$ ·P(1-0,c])=F(c)=1-e2.6 0) 1-e26=1 (3)  $\Leftrightarrow c = -\frac{2}{2} (\frac{3}{4}) \Leftrightarrow c = 0,143841$ ·) 1-e-2c 1 => e> e -2c = 1 => -2c = h (1)  $E = \frac{\ln(\frac{1}{2})}{2} = 0.346573$ ·) 1-e-2c=3 =>e-2c=1 (1) (=>c = +2.2/4) (=> c = 0,693147