





Scanned with CamScanner

(c) At what time probability of -ve cash position will be greatest

(c) At what time probability of -ve cash position will be

greatest

(c) At what time probability of -ve cash position will be probability of ve cash option => [2.0+0.1x.] To find the maximized value, value should be minimum. => 2.0. + Vo.16x ≥ 2· + 0·1× ⇒ 2· + 0·1× = 5/x + 0.25/x To find minimal value, dy/dx = 0. =) dy/dn =d 5-212 + 0. vs x/2) = -3/2 + 1/2(0·15) 2 =) -2.5x3/2 + 0.125x1/2 =0.

gives the value for x after

which the negative cash flow is

movimized for t >x.