

Rissor Process of intensity Let-is the muhability dhat the arrany will detault on an infinitismal interval et time, undibional to the fact that it has not defaulted hofore

- Risk-Free Rates
- Stuck (volahility)
- Creclif of the company icsviring the CB
- FX

Dokenministic

Stochastic

When default occurs

1) S 500s Iv O, we will call St
the value of S before default

2) The CB gues to recovery Voce WEXT GENERATION MODELS FOR
CONVENTIBLE BONDS WITH CREDIT
RISK
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TT=V+DS D=- 3V Caul) with puhability L-(1dt) 317 = 17T6 case 2) with pushahility & At STT = ( Vrec - 5t) + 1 (0 - 5t) E(8) = n Tdt + > dt [Vrec- V7-25] pedno Bito 33. com

$$\frac{\partial V}{\partial t} + \frac{1}{2} \sigma^2 S^2 \frac{\partial^2 V}{\partial S^2} + (\sigma + \lambda) S \frac{\partial V}{\partial S}$$

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