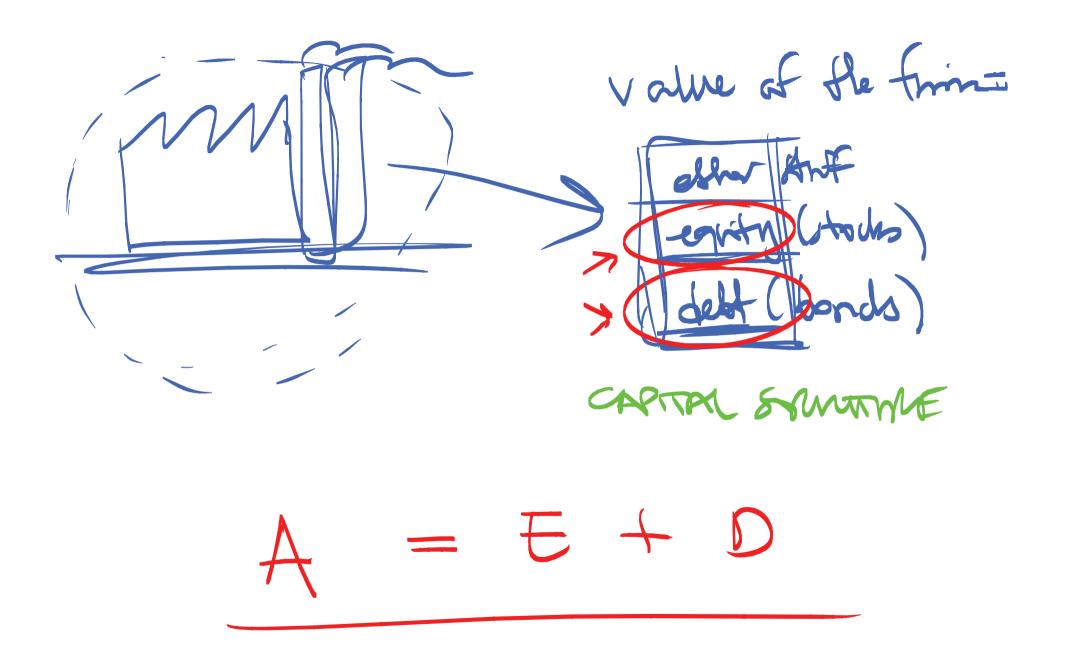
CDS=credit default shap 6W



Merton (1974) dV=rVd+toVdW 15= r 5 dt + 5 5 dW MEXTON (1974) A(t)= D(t)+ E(t)
amas dela equito AH solvency: A(+)<F; B< A(T)

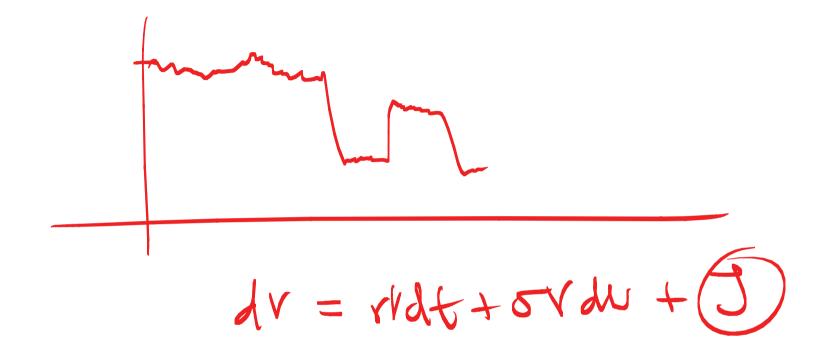
F(T) = max Evropean Call: equity is call option on the assurts of the (T) A

Risky tronds
$$\Rightarrow$$
 $\frac{2G(t)}{2G(t)} = \frac{1}{(1+s)(t-t)}$

$$D(t) = \frac{1}{(1+s)(t-t)}$$

$$Less (D/F) = -\frac{1}{(1+s)(t-t)}$$

$$\frac{1}{(1+s)(t-t)}$$



dV = rVat+ & V dW (SBM) Euler disentization: Viti-Vi = r Vi Dt + & Vi (dw) Vi+1 = V0 + r V0 Dt + 8 V0 (0,1) Vi+1 = Vi (1+r Dt + 5 TAG N(0,1)