

$$P_0 = \frac{D_1}{r_s - g}$$

$$r_s = r_{RF} + \beta_s [\hat{r}_M - r_{RF}]$$

$$V_B = \text{INT} \left[\frac{1 - \frac{1}{(1+r_d)^N}}{r_d} \right] + \frac{M}{(1+r_d)^N}$$

$$V_P = \frac{D_0}{r_P}$$

$$C = P [N(d_1)] - X e^{-r_{RF}t} [N(d_2)]$$

$$d_1 = \frac{\ln \frac{P}{X} + \left[r_{RF} + \frac{\sigma^2}{2} \right] t}{\sigma \sqrt{t}}$$

$$d_2 = d_1 - \sigma \sqrt{t}$$

$$P_{ut} = C - P + X e^{-r_{RF}t}$$

$$\text{WACC} = w_d r_d (1-T) + w_{ps} r_{ps} + w_{cs} r_{cs}$$

$$\text{HAMADA'S EQUATION} = \beta_e = \beta_u \left[1 + (1-T) \left(\frac{D}{S} \right) \right]$$

$$\text{Payback} = \text{Year Before Recovery} + \frac{\text{unrecovered cost at start of year}}{\text{Cash Flow during the Year}}$$

$$\text{NPV} = \sum_{t=1}^n \frac{CF_t}{(1+r)^t} - CF_0$$

$$\sum_{t=0}^n \frac{CF_t}{(1+\text{IRR})^t} = 0$$

$$\text{Return on Equity} = \frac{\text{Net Income}}{\text{Equity}}$$