Formulas

Binomial Pricing
$$C = \Delta S + B$$

$$\Delta dSe^{Sh} + Be^{rh} = Cd$$

$$\Delta uSe^{sh} + Be^{rh} = Cu$$

$$D^{*} = \underbrace{(r-s)T}_{u-d}$$

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$$P^* = \underbrace{e^{(r-\delta)T} - d}_{u-d}$$

$$C-P = Se^{ST} - Ke^{-rT}$$

$$\frac{d_{1}}{d_{2}} = \frac{\ln(5/k) + (r-8 + \frac{1}{2}\sigma^{2})T}{OJT}$$