

Math finance formula sheet 2

1.

$$C - P = F$$

1.

$$\frac{G^u - G^d}{S^u - S^d} \qquad \frac{G^d S^u - G^u S^d}{A(S^u - S^d)}$$

1.

$$\frac{\log \frac{X}{S(1+m_d)^N}}{\log \frac{1+m_u}{1+m_d}}$$

1.

$$\frac{\log \frac{S}{X} + (r \pm \frac{1}{2}\sigma^2)\tau}{\sigma\sqrt{\tau}}$$

1.

$$d(f(t, Z_t)) = \dot{f} dt + \frac{1}{2} f'' [dZ_t]^2 + f' dZ_t$$