Formulas given for Chapter 2:

$$r \underset{H_0}{\overset{H_1}{\gtrless}} \underbrace{\frac{s_0(t_0) + s_1(t_0)}{2} + \frac{\sigma^2}{s_1(t_0) - s_0(t_0)} \cdot \ln(K)}_{T}$$

$$d(\mathbf{r}, \mathbf{s_0})^2 \underset{H_0}{\overset{H_1}{\gtrless}} d(\mathbf{r}, \mathbf{s_1})^2 + 2\sigma^2 \ln(K)$$

$$\langle \mathbf{r}, \mathbf{s_1} \rangle - \frac{E_1}{2} \underset{H_0}{\overset{H_1}{\gtrless}} \langle \mathbf{r}, \mathbf{s_0} \rangle - \frac{E_0}{2} + \sigma^2 \ln(K)$$