Ku = 27/20

$$3.1 \quad J_{1} = \underbrace{e^{i\theta}}_{32} \quad J_{1} \left(\frac{k^{2}}{4t_{2}K^{2}}\right) \left[e^{-2i\pi K_{0}Z} - 2i(nt_{1}) K_{0}Z\right] + \underbrace{e^{-2i\pi K_{0}Z}}_{12K^{2}} \left[e^{-2i\pi K_{0}Z} - 2i(nt_{0}) K_{0}Z\right] + \underbrace{e^{-2i\pi K_{0}Z}}_{12$$