$$\frac{V}{Qz} = 1 - (\frac{1}{r})^{2} J_{10} \frac{3sik^{2}-1}{2} \\
(\frac{r}{Qz})^{3} - (\frac{r}{Qz})^{2} = -J_{0} \frac{3sik^{2}-1}{2} \\
V = \Omega c + \Delta k_{20} \quad tztil \quad \Omega e > \Delta k_{20} \\
tz = -J_{0} \frac{3sik^{2}-1}{2} \\
\Delta k_{20} = -\Omega e J_{0} \frac{3sik^{2}-1}{2}$$