$$\Omega = r^{-1} + q\left(\frac{1}{(1+r^2-2r\lambda)^{1/2}} - r\lambda\right) + \frac{1+q}{2} r^2(1-\nu^2)$$

$$x = r\cdot\cos\varphi\sin\vartheta = r\lambda$$

$$y = r\cdot\sin\varphi\cdot\sin\vartheta = r\mu$$

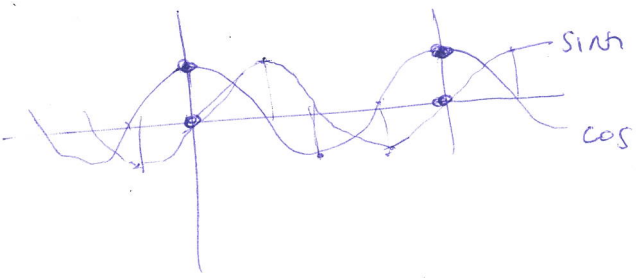
$$z = r\cdot\cos\vartheta = r\nu$$

r_{pole}: $x=0$ $y=0$ $z=r_{pole}$

$\nu = \cos\vartheta = 1$ $\quad r = r_{pole}$

$\sin\vartheta = 0$ $\quad \lambda = 0$

$\mu = 0$



$$\Omega = r_{pole}^{-1} + q\left(\frac{1}{(1+r_{pole}^2-0)^{1/2}} - 0\right) + \frac{1+q}{2} r_{pole}^2(1-1) = r_{pole}^{-1} + \frac{q}{(1+r_{pole}^2)^{1/2}}$$

r_{side}: $x=0$ $y=r_{side}$ $z=0$

$\nu = \cos\vartheta = 0$ $\quad \sin\vartheta = \pm 1$

$\cos\varphi = 0$ $\quad \sin\varphi = \pm 1$

$x = r\lambda = 0$

$y = r\mu = r_{side}$ $\quad \mu = 1$ $\quad r = r_{side}$

$$\Omega = r_{side}^{-1} + q\left(\frac{1}{1+r_{side}^2-0)^{1/2}} - 0\right) + \frac{1+q}{2} r_{side}^2(1-0^2) =$$

$$= \frac{1}{r_{side}} + \frac{q}{(1+r_{side}^2)^{1/2}} + \frac{1+q}{2} r_{side}^2$$