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

$x = r\lambda = r_{point}$ $\lambda = 1$ $r = r_{point}$

$y = r\mu = 0$ $\mu = 0$

$z = r\nu = 0$ $\nu = 0$

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

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

$$= \frac{1}{r_{point}} + q\left(\frac{1}{1 - r_{point}} - r_{point}\right) + \frac{1+q}{2} r_{point}^2 \quad //$$

r_{back}: $x = -r_{back}$ $y = 0$ $z = 0$

$x = r\lambda = -r_{back}$ $\lambda = -1$ $r = r_{back}$

$y = r\mu = 0$ $\mu = 0$

$z = r\nu = 0$ $\nu = 0$

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

$$= \frac{1}{r_{back}} + q\left(\frac{1}{1 + r_{back}} + r_{back}\right) + \frac{1+q}{2} r_{back}^2 \quad //$$