$$B_{-}r = B_{-}O \cdot \left(\left(\frac{x_{-}O}{x} \right)^{3} \cos(a) \cos(t) + \frac{x_{-}O}{\text{BesselJ}(x_{-}O, 0)} \frac{\text{BesselJ}(x, 0)}{x} \sin(a) \cos(t) \exp(\text{eta} t) \right);$$

$$B_{-}r = B_{-}O\left(\frac{x_{-}O^{3}\cos(a)\cos(t)}{x^{3}} + \frac{x_{-}O\operatorname{BesselJ}(x, 0)\sin(a)\cos(t)e^{\operatorname{I}\eta}}{\operatorname{BesselJ}(x_{-}O, 0)x}\right)$$
(1)

$$B_theta = \frac{B_0}{2} \left(\left(\frac{x_0}{x} \right)^3 \cos(a) \sin(t) + \left(\frac{x_0^2 \text{BesselJ}(x, 0)}{x_0 \frac{d}{dx} \text{BesselJ}(x_0, 0) + \text{BesselJ}(x_0, 0)} \right) \right)$$

$$+ \frac{x_0}{\text{BesselJ}(x_0, 0)} \frac{x \frac{d}{dx} \text{BesselJ}(x, 0) + \text{BesselJ}(x, 0)}{x} \right] \sin(a) \cos(t) \exp(\text{eta} \cdot I)$$
;

$$B_theta = \frac{1}{2} B_0 \left(\frac{x_0^3 \cos(a) \sin(t)}{x^3} + \left(\frac{x_0^2 \text{BesselJ}(x, 0)}{\frac{x_0 d \text{BesselJ}(x_0, 0)}{dx} + \text{BesselJ}(x_0, 0)} \right) \right)$$
 (2)