$(r^2 - b^2)$

 $\psi(r)$

 $\frac{1}{2} \left[R_m b \theta_r(b) + \frac{\psi_r(b)}{b} \right]$

 $(r^3 - b^3)$

 $\frac{(r-r)}{2}R_m\theta_r(b)$

(a < r < b)