

$$b_{lmn}^{\infty,+} = \left. \frac{W[\kappa_{lmn}^{\infty,+}(r)\psi_{lmn}^{\infty}(r) - \psi_{lmn}^{\mathcal{P},+}(r), \psi_{lmn}^h(r)]}{W[\psi_{lmn}^{\infty}(r), \psi_{lmn}^h(r)]} \right|_{r=r_{\max}}$$

$$b_{lmn}^{\infty,-} = \left. \frac{W[\kappa_{lmn}^{h,-}(r)\psi_{lmn}^h(r) - \psi_{lmn}^{\mathcal{P},-}(r), \psi_{lmn}^{\infty}(r)]}{W[\psi_{lmn}^h(r), \psi_{lmn}^{\infty}(r)]} \right|_{r=r_{\min}}$$