

$$A \cdot \mathcal{J} \sim 2 \frac{\tilde{J}_- \tilde{J}_+}{H^2} \frac{\sin(\mathcal{K}z)}{\mathcal{K}z} + (1 - H\eta) \left\{ J_- A_+^0 f_1(\eta) + \right. \\ \left. \tilde{J}_+ A_-^0 f_2(\eta) + \frac{\tilde{J}_- \tilde{J}_+}{H^2} f_3(\eta) \right\}$$