$$+ \frac{\chi}{\eta} \mathcal{F}_{b} (\Theta - \Theta_{1}) - \frac{\chi}{\eta} \mathcal{F}_{1} \left(\Theta - \Theta_{1} - \frac{\Theta_{1} - \Theta_{2}}{\varkappa_{2}}\right)$$

$$- \frac{\mathcal{M}_{b} \mathcal{F}_{r} + (\eta \Pi - F_{b}) \mathcal{M}_{r}}{\eta \Pi} \Gamma_{\Theta} - \frac{\chi}{\eta} \mathcal{F}_{r} \Gamma_{\Theta}' + W,$$

$$\chi \Pi \Phi' = - \mathcal{M}_{b} (\Phi - \langle \Phi \rangle_{1}) - \frac{\mathcal{M}_{b} F_{1} + \mathcal{M}_{1} (\eta \Pi - F_{b})}{\eta \Pi} (\langle \Phi \rangle_{1} - \langle \Phi \rangle_{2})$$

 $\chi \Pi \Theta' = -\mathcal{M}_b(\Theta - \langle \Theta \rangle_1) - \frac{\mathcal{M}_b F_1 + \mathcal{M}_1 (\eta \Pi - \mathcal{F}_b)}{\eta \Pi} (\langle \Theta \rangle_1 - \langle \Theta \rangle_2)$

 $+ \frac{\chi}{\eta} \mathcal{F}_{b} \left(\Phi - \Phi_{1}\right) - \frac{\chi}{\eta} \mathcal{F}_{1} \left(\Phi - \Phi_{1} - \frac{\Phi_{1} - \Phi_{2}}{\varkappa_{2}}\right)$ $+ \left(\frac{\chi}{\eta} \frac{\mathcal{F}_{r} \Theta' \cos \Theta}{\left(\sin \Theta\right)^{2}} - \frac{\mathcal{M}_{b} \mathcal{F}_{r} + \mathcal{M}_{r} \left(\eta \Pi - \mathcal{F}_{b}\right)}{\eta \Pi \sin \Theta}\right) \Gamma_{\Phi} - \frac{\chi}{\eta} \frac{\mathcal{F}_{r}}{\sin \Theta} \Gamma_{\Phi}'$