

$$R_{i} \approx \text{mp Ne } \hat{x} + \text{mpg } \hat{d} - \text{mp} (\hat{y}_{L}^{2} + \hat{u}_{b} \times \hat{y}_{b}^{2})$$

$$M_{i}^{2} + \hat{u}_{b} \times \hat{y}_{b}^{2}) = (m_{1} m_{p}) g \hat{d} + m_{p} \text{Nex} - m_{p} (\hat{y}_{b}^{2} + \hat{u}_{b}^{2} \times \hat{y}_{b}^{2})$$

$$+ \hat{y}_{h}^{2}$$

$$(m_{1} m_{p}) (\hat{y}_{b}^{2} + \hat{u}_{b} \times \hat{y}_{b}^{2}) = (m_{1} m_{p}) g \hat{d} + m_{p} \text{Nex} + \hat{y}_{b}^{2}$$

$$\hat{y}_{b}^{2} = g \hat{d} + m_{p} \text{Nex} + f_{h}^{2} + m_{p} g \hat{d} - m_{p} (\hat{y}_{b}^{2} + \hat{u}_{b} \times \hat{y}_{b}^{2}) \times (l\hat{x})$$

$$- \hat{u}_{b} \times \hat{u}_{b}^{2} \times \hat{u}_{b}^{2}$$

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