6.1a) 
$$\mathcal{O}_{h} = e^{(i\mu_{h}z)}$$

$$\frac{\partial^{3}a_{h} - i\mu^{3}e^{(i\mu_{h}z)}}{\partial z^{3}}$$

$$6.11: \frac{\partial^{3}a_{h} - i\mu^{3}e^{(i\mu_{h}z)}}{\partial z^{3}} = 0$$

$$\mathcal{L}_{1} = \begin{pmatrix} (i\mu h 2) \left[ \mu_{h}^{3} - \frac{h \left[ JJ \right]_{1}^{2}}{\left[ JJ \right]_{2}^{2}} \right] = 0$$

$$\mathcal{L}_{1} = \begin{pmatrix} h \left[ JJ \right]_{1}^{2} \\ 0 \end{bmatrix} = 0$$

$$\mathcal{L}_{1} = \begin{pmatrix} h \left[ JJ \right]_{1}^{2} \\ 0 \end{bmatrix} = 0$$

$$3(1+K_1^2) = 2+K_3^2$$

$$K_3^2 = 3(1+K_1^2) - 2$$