$\frac{2}{3} \left(-a^{2} + \beta^{2} \right) \ell_{1} + \frac{2}{3} \left(a^{2} - \beta^{2} \right) \ell_{2} = 0$

 $\frac{1}{3}(-d^2+\beta^2)e_1 = \frac{1}{3}(-d^2+\beta^2)e_1$, $e_1 = e_2 - e_3 = e_3 =$

$$\begin{bmatrix}
\frac{2d^{2}+2\beta^{2}}{3} & \frac{\mu}{3}\beta^{2} & \frac{2d^{2}-2\beta^{2}}{3} \\
\frac{2d^{2}-2\beta^{2}}{3} & \frac{\mu}{3}\beta^{2} & \frac{2d^{2}-2\beta^{2}}{3}
\end{bmatrix} = \begin{bmatrix}
-d^{2}-2\beta^{2} & \frac{2d^{2}-2\beta^{2}}{3} \\
\frac{2d^{2}-2\beta^{2}}{3} & \frac{2d^{2}-2\beta^{2}}{3}
\end{bmatrix} \begin{bmatrix}
e_{1} \\
e_{2} \\
e_{3}
\end{bmatrix} \begin{bmatrix}
e_{1} \\
e_{4}
\end{bmatrix} = \begin{bmatrix}
h \\
0
\end{bmatrix}$$

$$\frac{2d^{2}-2\beta^{2}}{3} & \frac{2d^{2}-2\beta^{2}}{3}
\end{bmatrix} \begin{bmatrix}
e_{1} \\
e_{2}
\end{bmatrix} = \begin{bmatrix}
h \\
0
\end{bmatrix}$$

$$\frac{2d^{2}-2\beta^{2}}{3} & \frac{2d^{2}-2\beta^{2}}{3}
\end{bmatrix} \begin{bmatrix}
e_{1} \\
e_{2}
\end{bmatrix} = \begin{bmatrix}
h \\
0
\end{bmatrix}$$

$$\frac{2d^{2}-2\beta^{2}}{3} & \frac{2d^{2}-2\beta^{2}}{3}
\end{bmatrix} \begin{bmatrix}
e_{1} \\
e_{2}
\end{bmatrix} = \begin{bmatrix}
h \\
0
\end{bmatrix}$$

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e_{1} \\
e_{2}
\end{bmatrix} = \begin{bmatrix}
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0
\end{bmatrix}$$

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\end{bmatrix} \begin{bmatrix}
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e_{2}
\end{bmatrix} = \begin{bmatrix}
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0
\end{bmatrix}$$

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0
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\end{bmatrix}$$

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0
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\end{bmatrix} \begin{bmatrix}
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e_{2}
\end{bmatrix} = \begin{bmatrix}
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\end{bmatrix}$$

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\end{bmatrix} \begin{bmatrix}
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e_{2}
\end{bmatrix} = \begin{bmatrix}
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\end{bmatrix}$$

$$\frac{2d^{2}-2\beta^{2}}{3} & \frac{2d^{2}-2\beta^{2}}{3}
\end{bmatrix} \begin{bmatrix}
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e_{2}
\end{bmatrix} = \begin{bmatrix}
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\end{bmatrix}$$

$$\frac{2d^{2}-2\beta^{2}}{3} & \frac{2d^{2}-2\beta^{2}}{3}
\end{bmatrix} \begin{bmatrix}
e_{1} \\
e_{2}
\end{bmatrix} = \begin{bmatrix}
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0
\end{bmatrix}$$

$$\frac{2d^{2}-2\beta^{2}}{3} & \frac{2d^{2}-2\beta^{2}}{3}
\end{bmatrix} \begin{bmatrix}
e_{1} \\
e_{2}
\end{bmatrix} = \begin{bmatrix}
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0
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$$\frac{2d^{2}-2\beta^{2}}{3} & \frac{2d^{2}-2\beta^{2}}{3}
\end{bmatrix} \begin{bmatrix}
e_{1} \\
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0
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\end{bmatrix} \begin{bmatrix}
e_{1} \\
e_{2}
\end{bmatrix} = \begin{bmatrix}
h \\
0
\end{bmatrix}$$

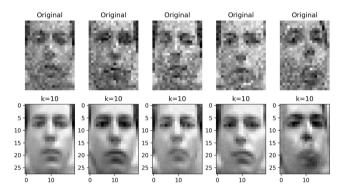
$$\frac{2d^{2}-2\beta^{2}}{3} & \frac{2d^{2}-2\beta^{2}}{3}
\end{bmatrix} \begin{bmatrix}
e_{1} \\
e_{2}
\end{bmatrix} = \begin{bmatrix}
h \\
0
\end{bmatrix}$$

$$\frac{2d^{2}-2\beta^{2}}{3} & \frac{2d^{2}-2\beta^{2}}{3}
\end{bmatrix} \begin{bmatrix}
e_{1} \\
e_{2}
\end{bmatrix} = \begin{bmatrix}
h \\
0
\end{bmatrix}$$

$$\frac{2d^{2}-2\beta^{2}}{3} & \frac{2d^{2}-2\beta^{2}}{3}
\end{bmatrix} = \begin{bmatrix}
h \\
0
\end{bmatrix}$$

$$\frac$$

). (a)



(b)

