$$/.$$
解: 在[100]处导带成 $/m_{nx}^* = 0$ 0 0 $/m_{nx}^* = 0$ $/m_{nx}^* = 0$ 0 $/m_{nx}^* = 0$ 0 0 $/m_{nx}^* =$

$$\begin{array}{c}
[1]0] : \overrightarrow{F} = \begin{pmatrix} \frac{1}{2}F \\ \frac{1}{2}F \\ 0 \end{pmatrix} \\
\overrightarrow{a} = \begin{pmatrix} \frac{1}{2}F \\ m_{my} \\ 0 \end{pmatrix} = \begin{pmatrix} \frac{1}{2}F \\ 1.84m \\ 0 \\ 0 \end{pmatrix}, \quad \overrightarrow{B} = \begin{pmatrix} \frac{1}{2}F \\ 1.84m \\ 0 \end{pmatrix} \\
0 \\
\overrightarrow{a} = \begin{pmatrix} \frac{1}{2}F \\ m_{my} \\ 1.84m \\ 0 \end{pmatrix} = \begin{pmatrix} 0 \\ 0 \\ \frac{1}{2}F \\ 0.38m \\ 0 \end{pmatrix}, \quad \overrightarrow{B} = \begin{pmatrix} 0 \\ 0 \\ \frac{1}{2}F \\ 0.38m \\ 0 \end{pmatrix} = \begin{pmatrix} 0 \\ 0 \\ \frac{1}{2}F \\ 0.38m \\ 0 \end{pmatrix} = \begin{pmatrix} 0 \\ 0 \\ \frac{1}{2}F \\ 0.38m \\ 0 \end{pmatrix} = \begin{pmatrix} 0 \\ 0 \\ \frac{1}{2}F \\ 0.38m \\ 0 \end{pmatrix} = \begin{pmatrix} 0 \\ 0 \\ \frac{1}{2}F \\ 0.38m \\ 0 \end{pmatrix} = \begin{pmatrix} 0 \\ 0 \\ \frac{1}{2}F \\ 0.38m \\ 0 \end{pmatrix} = \begin{pmatrix} 0 \\ 0 \\ \frac{1}{2}F \\ 0.38m \\ 0 \end{pmatrix} = \begin{pmatrix} 0 \\ 0 \\ \frac{1}{2}F \\ 0.38m \\ 0 \end{pmatrix} = \begin{pmatrix} 0 \\ 0 \\ \frac{1}{2}F \\ 0.38m \\ 0 \end{pmatrix} = \begin{pmatrix} 0 \\ 0 \\ 0.38m \\ 0 \end{pmatrix} = \begin{pmatrix} 0 \\ 0 \\ 0.38m \\ 0 \end{pmatrix} = \begin{pmatrix} 0 \\ 0 \\ 0.38m \\ 0 \end{pmatrix} = \begin{pmatrix} 0 \\ 0 \\ 0.38m \\ 0 \end{pmatrix} = \begin{pmatrix} 0 \\ 0 \\ 0.38m \\ 0 \end{pmatrix} = \begin{pmatrix} 0 \\ 0 \\ 0.57m \\ 0.57m$$

```
1.64mUx
                              mie Ux
                                               0.08mVy
 ข=
                                               0.08mvz)
                      1°[100]
                        V_{x} = \frac{t_{x}}{1.64 \text{ pm}}, V_{y} = \frac{t_{x}}{0.081 \text{ pm}}, V_{z} = \frac{t_{x}}{0.0816 \text{ pm}}
V = 10.21 \frac{t_{x}}{m}, v_{y} = \frac{t_{x}}{0.0816 \text{ pm}}
20 [110]
    天-天=·k
                          , vy=0, vz=10.085m で与下下同向
     v = 7.23 \frac{\pi k}{m}
3° [10]
    成一天。=
     · v= 12.5 th
4 [111]
   K-K= k
                                              v= 0
                                                                , 万与龙一龙 同何
   v = 0.61 \frac{\pi k}{m}
```





