|  | Mij | $\mathbf{M j i}$ |
| :---: | :---: | :---: |
|  | $-2 \cdot \frac{E I}{L} \varphi$ | $-4 \cdot \frac{E I}{L} \varphi$ |
|  | $6 \cdot \frac{E I}{L} \cdot \frac{\delta}{L}$ | $6 \cdot \frac{E I}{L} \cdot \frac{\delta}{L}$ |
|  | $P \cdot \frac{a \cdot b^{2}}{L^{2}}$ | $-P \cdot \frac{a^{2} \cdot b}{L^{2}}$ |
|  | $\frac{q \cdot L^{2}}{12}$ | $-\frac{q \cdot L^{2}}{12}$ |
|  | $\frac{q \cdot L^{2}}{30}$ | $-\frac{q \cdot L^{2}}{20}$ |
|  | $\frac{q \cdot a^{2}}{12 \cdot L^{2}} \cdot\left(6 L^{2}-8 \cdot L \cdot a+3 a^{2}\right)$ | $-\frac{q \cdot a^{3}}{12 \cdot L^{2}} \cdot(4 \cdot L-3 \cdot a)$ |
|  |  | $-\frac{3 E I}{L} \cdot \varphi$ |
|  |  | $3 \cdot \frac{E I}{L} \cdot \frac{\delta}{L}$ |
|  |  | $-P \cdot \frac{a \cdot\left(L^{2}-a^{2}\right)}{2 \cdot L^{2}}$ |


|  |  | $-\frac{q \cdot L^{2}}{8}$ |
| :---: | :---: | :---: |
|  |  | $-\frac{7}{120} \cdot q \cdot L^{2}$ |
|  |  | $-\frac{1}{15} \cdot q \cdot L^{2}$ |
|  |  | $-\frac{q \cdot a^{2} \cdot\left(2 \cdot L^{2}-a^{2}\right)}{8 \cdot L^{2}}$ |
| $\underset{\substack{ \\\mathrm{L}^{-t}}}{\substack{\left\|M_{i j}\right\|}}$ | $-\alpha_{t} \cdot \frac{E I}{h} \Delta t$ | $\alpha_{t} \cdot \frac{E I}{h} \Delta t$ |
|  | $\frac{3}{2} \cdot \alpha_{t} \cdot \frac{E I}{h} \Delta t$ |  |
|  | $M \cdot \frac{b(3 a-L)}{L^{2}}$ | $M \cdot \frac{a(3 b-L)}{L^{2}}$ |
|  |  | $M \cdot \frac{a \cdot b}{L^{2}} \cdot \frac{3}{2}+\frac{M}{L} \cdot\left(\frac{b-2 a}{2}\right)$ |

