$$\mathbb{1}\times\mathbb{1}\times\mathbb{1} \xleftarrow[\text{bimod}]{} \mathbb{1}$$

$$\underset{m}{\mathbb{1}} \triangledown_{\mathbb{1}} = \left\{ \mathbb{1} \overset{\mathbb{L}}{\leftarrow} \overset{m}{\boxtimes} \mathbb{1} \text{ m-lin} \right\} = \left\{ \mathbb{1} \xleftarrow[\text{lin}]{\mathbb{L}} \overset{m}{\boxtimes} \mathbb{1} \right\}$$

$$\underset{m}{\mathbb{1}} \triangledown_{\mathbb{1}} \ \overset{\text{McL}}{\underset{283}{=}} \ \frac{\mathbb{1} \overset{\mathbb{L}}{\leftarrow} \mathbb{1}^{m} \text{ m-lin}}{\mathbb{L}\underbrace{\mathbb{T}^{1}\cdots e\cdots\mathbb{T}^{m}} = 0}$$

$$\underset{\mathbb{N}}{\mathbb{1}} \triangledown_{\mathbb{1}} = \sum_{m} \underset{m}{\mathbb{1}} \triangledown_{\mathbb{1}}$$

$$\underset{m}{\mathbb{1}} \triangledown_{\mathbb{1}} \overset{d}{\leftarrow} \underset{m+1}{\mathbb{1}} \triangledown_{\mathbb{1}}$$

$$\underbrace{\mathbb{L}d}\underbrace{\mathbb{T}^{0}\ddot{\boxtimes}\mathbb{T}^{m}} = \mathbb{T}^{0}\times\overbrace{\mathbb{L}\underbrace{\mathbb{T}^{1}\ddot{\boxtimes}\mathbb{T}^{m}}} - \overset{m}{-1}\overbrace{\mathbb{L}\underbrace{\mathbb{T}^{0}\ddot{\boxtimes}\mathbb{T}^{m-1}}}\times\mathbb{T}^{m} - \sum_{j}^{m} \overset{j}{-1}\,\mathbb{L}\overbrace{\underbrace{\mathbb{T}^{0}\ddot{\boxtimes}\mathbb{T}^{j-1}}\boxtimes\underbrace{\mathbb{T}^{j}\times\mathbb{T}^{j+1}}\boxtimes\underbrace{\mathbb{T}^{j+2}\ddot{\boxtimes}\mathbb{T}^{m}}}$$

$$= \mathbb{T}^{0}\times\overbrace{\mathbb{L}\underbrace{\mathbb{T}^{1}\ddot{\boxtimes}\mathbb{T}^{m}}} + \overset{m+1}{-1}\overbrace{\mathbb{L}\underbrace{\mathbb{T}^{0}\ddot{\boxtimes}\mathbb{T}^{m-1}}}\times\mathbb{T}^{m} + \sum_{1\leqslant i\leqslant m} \overset{i}{-1}\,\mathbb{L}\overbrace{\mathbb{T}^{0}\ddot{\boxtimes}\mathbb{T}^{i-2}\boxtimes\underbrace{\mathbb{T}^{i-1}\times\mathbb{T}^{i}}\boxtimes\mathbb{T}^{i+1}\ddot{\boxtimes}\mathbb{T}^{m}}$$

$$\mathbb{L}dd = 0$$