$$\text{⅂} \ltimes \text{⅂} \rtimes \text{⅂} \xleftarrow[\text{C*-bimod}]{} \text{⅂}$$

$$\underset{m}{\text{⅂}} \triangledown_{0}\, \text{⅂} = \frac{\text{⅂} \overset{\mathbb{L}}{\leftarrow} \text{⅂}^{m} \text{ m-lin}}{\mathbb{L} \text{ stet}}$$

$$\text{⅂} \ltimes \text{⅂} \rtimes \text{⅂} \xleftarrow[\text{W*-bimod}]{} \text{⅂}$$

$$\underset{m}{\text{⅂}} \triangledown_{\sigma}\, \text{⅂} = \frac{\text{⅂} \overset{\mathbb{L}}{\leftarrow} \text{⅂}^{m} \text{ m-lin}}{\mathbb{L} \text{ w-stet}}$$

$$\underset{\mathbb{N}}{\text{⅂}} \triangledown_{0/\sigma}\, \text{⅂} = \sum_{m} \underset{m}{\text{⅂}} \triangledown_{0/\sigma}\, \text{⅂}$$

$$\underset{m}{\text{⅂}} \triangledown_{0/\sigma}\, \text{⅂} \overset{d}{\leftarrow} \underset{m+1}{\text{⅂}} \triangledown_{0/\sigma}\, \text{⅂}$$

$$\underbrace{\mathbb{L} d} \underbrace{\text{⅂}^{0} \overset{\cdots}{\boxtimes} \text{⅂}^{m}} = \text{⅂}^{0} \ltimes \overbrace{\mathbb{L} \underbrace{\text{⅂}^{1} \overset{\cdots}{\boxtimes} \text{⅂}^{m}}} + \overset{m+1}{(-1)} \overbrace{\mathbb{L} \underbrace{\text{⅂}^{0} \overset{\cdots}{\boxtimes} \text{⅂}^{m-1}}} \rtimes \text{⅂}^{m} + \sum_{1 \leqslant i \leqslant m} \overset{i}{(-1)} \mathbb{L} \overbrace{\text{⅂}^{0} \overset{\cdots}{\boxtimes} \text{⅂}^{i-2} \boxtimes \underbrace{\text{⅂}^{i-1} \times \text{⅂}^{i}} \boxtimes \text{⅂}^{i+1} \overset{\cdots}{\boxtimes} \text{⅂}^{m}}$$

$$\underbrace{\mathbb{L} \text{⅂}} d = \underbrace{\mathbb{L} d}\, \text{⅂}$$

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