$$\underset{i}{\rune} \ \runb^{j} = 0$$

$$\overset{\frown}{\underset{Q}{\rune}{}^{J}} \ \overset{\frown}{\underset{I}{\runb}{}^{P}} = \overset{\frown}{\underset{Q}{\rune}{}^{N \llcorner I}} \ \overset{\frown}{\underset{N \llcorner J}{\runb}{}^{P}}$$

$$\overset{\frown}{\underset{Q}{\rune}{}^{\overset{\alpha}{J}}} \underbrace{\sum_{I} \overset{\frown}{\underset{I}{\runb}{}^{\overset{\alpha}{P}}}}_{= \delta(\runb)^{\alpha}} = \overset{\frown}{\underset{N \llcorner J}{\runb}{}^{\overset{\alpha}{P}}} \underbrace{\sum_{I} \overset{\frown}{\underset{Q}{\rune}{}^{\overset{\alpha}{N \llcorner I}}}}_{= \delta(\rune)^{\alpha}}$$

$$\overset{\frown}{\underset{Q}{\rune}{}^{J}} \delta\left(\runb\right) = \overset{\frown}{\underset{N \llcorner J}{\runb}{}^{P}} \delta\left(\rune\right)$$

$$\underbrace{\underset{-1}{\rune}{}^{m} \underset{m}{\runb}}_{} \ddot{\boxtimes} \ \underbrace{\underset{-q}{\rune}{}^{m} \underset{m}{\runb}}_{} = \underbrace{\underset{1}{\rune}{}^{m} \underset{m}{\runb}}_{} \ddot{\boxtimes} \ \underbrace{\underset{q}{\rune}{}^{m} \underset{m}{\runb}}_{} = \sum_{j_1 < \cdots < j_q} \underset{j_1}{\runb} \ddot{\boxtimes} \underset{j_q}{\runb} \overset{\frown}{\underset{Q}{\rune}{}^{J}} = \sum_{J} \underset{J}{\runb} \overset{\frown}{\underset{Q}{\rune}{}^{J}}$$

$$\underset{-j}{\rune}{}^{m} \ \underset{m}{\runb}{}^{i} + \underset{j}{\rune}{}^{m} \ \underset{-m}{\runb}{}^{i} = 0$$

$$\underset{-j}{\rune}{}^{m} \ \underset{m}{\runb}{}^{i} \ \partial_{\runb^{i}} + \underset{j}{\rune}{}^{m} \ \underset{-m}{\runb}{}^{i} \ \partial_{\runb^{i}} = 0$$

$$\underset{m}{\runc} = \underset{m}{\runb}{}^{i} \ \partial_{\runb^{i}}$$

$$\underset{m}{\runc} = \underset{-m}{\runb}{}^{i} \ \partial_{\runb^{i}}$$

$$\underset{-j}{\rune}{}^{m} \ \underset{m}{\runc} + \underset{j}{\rune}{}^{m} \ \underset{m}{\runc} = 0$$

$$\overset{\frown}{\underset{1}{\runb}{}^{1} \left| \cdot \right| \underset{1}{\runb}{}^{p} \left| \underset{-1}{\runb}{}^{i} \partial_{\runb^{i}} \right| \cdot \left| \underset{-1}{\runb}{}^{i} \partial_{\runb^{i}} \right.} = \overset{\frown}{\left| \begin{array}{ccccc} \underset{1}{\runb}{}^{1} & \cdot & \underset{1}{\runb}{}^{p} & \underset{-1}{\runb}{}^{i} \partial_{\runb^{i}} & \cdot & \underset{-1}{\runb}{}^{i} \partial_{\runb^{i}} \\ \cdot & \cdot & \cdot & \cdot & \cdot & \cdot \\ \underset{n}{\runb}{}^{1} & \cdot & \underset{n}{\runb}{}^{p} & \underset{-n}{\runb}{}^{i} \partial_{\runb^{i}} & \cdot & \underset{-n}{\runb}{}^{i} \partial_{\runb^{i}} \end{array} \right|} =$$

$$= \overset{\frown}{\left| \begin{array}{cccccc} \underset{1}{\runb}{}^{1} & \cdot & \underset{1}{\runb}{}^{p} & \underset{1}{\runc} & \cdot & \underset{1}{\runc} \\ \cdot & \cdot & \cdot & \cdot & \cdot & \cdot \\ \underset{n}{\runb}{}^{1} & \cdot & \underset{n}{\runb}{}^{p} & \underset{n}{\runc} & \cdot & \underset{n}{\runc} \end{array} \right|} = \sum_{I} \overset{\frown}{\underset{I}{\runb}{}^{P}} \underset{N \llcorner I}{\runc} = \sum_{J} \overset{\frown}{\underset{N \llcorner J}{\runb}{}^{P}} \underset{J}{\runc}$$