$$\mathcal{A} \triangleleft^{X} \boxtimes_{\mathbb{G}}^{\mathbb{F}} \ni^{X} \mathbf{1} = X^{\mu}{}_{\mu} \mathbf{1} = X^{\overline{1}}{}_{\overline{\eta}} \mathbf{1} + \sum_{\mu > \overline{\eta}} X^{\mu}{}_{\mu} \mathbf{1}$$

$$\mathcal{A} \stackrel{X}{\mathfrak{q}} \stackrel{\stackrel{>}{\longrightarrow} i}{=} \left\{ \underbrace{1}_{\overline{\eta}}^{i} \mathcal{A} \right\} \triangleleft^{\mathbb{G}} \stackrel{\longrightarrow}{\longrightarrow} \underbrace{V}_{\text{noeth}} \stackrel{fin}{V}_{\mathcal{F}_{i}} \mathcal{A}_{i} \stackrel{1}{\longleftrightarrow} \mathcal{F}_{i} \right\} \mathbb{G} = \mathcal{A} \stackrel{X}{\mathfrak{q}} \stackrel{X}{\boxtimes_{\mathbb{G}}^{i}} = \mathcal{A} \stackrel{X}{\mathfrak{q}} \stackrel{X}{\boxtimes_{\mathbb{G}}^{i}} = \mathcal{A} \stackrel{X}{\mathfrak{q}} \stackrel{X}{\boxtimes_{\mathbb{G}}^{i}} \stackrel{X}{\longrightarrow} \underbrace{U}_{\text{noeth}} \stackrel{X}{\sqcup} \stackrel{X}{\boxtimes_{\mathbb{G}}^{i}} = \mathcal{A} \stackrel{X}{\mathfrak{q}} \stackrel{X}{\boxtimes_{\mathbb{G}}^{i}} = \mathcal{A} \stackrel{X}{\mathfrak{q}} \stackrel{X}{\boxtimes_{\mathbb{G}}^{i}} \stackrel{X}{\longrightarrow} \underbrace{U}_{\text{noeth}} \stackrel{X}{\sqcup} \stackrel{X}{\boxtimes_{\mathbb{G}}^{i}} = \mathcal{A} \stackrel{X}{\mathfrak{q}} \stackrel{X}{\boxtimes_{\mathbb{G}}^{i}} \stackrel{X}{\boxtimes_{\mathbb{G}}^{i}} \stackrel{X}{\longrightarrow} \underbrace{U}_{\text{noeth}} \stackrel{X}{\sqcup} \stackrel{X}{\boxtimes_{\mathbb{G}}^{i}} = \mathcal{A} \stackrel{X}{\mathfrak{q}} \stackrel{X}{\boxtimes_{\mathbb{G}}^{i}} \stackrel{X}{\boxtimes_{\mathbb{G}}^{i}} \stackrel{X}{\longrightarrow} \underbrace{U}_{\text{noeth}} \stackrel{X}{\boxtimes_{\mathbb{G}}^{i}} \stackrel{X}{\longrightarrow} \stackrel{X}{\boxtimes_{\mathbb{G}}^{i}} \stackrel{X}{\longrightarrow} \stackrel{X}{\boxtimes_{\mathbb{G}}^{i}} = \mathcal{A} \stackrel{X}{\mathfrak{q}} \stackrel{X}{\boxtimes} \stackrel{X}{\boxtimes_{\mathbb{G}}^{i}} \stackrel{X}{\longrightarrow} \stackrel{X}{\boxtimes_{\mathbb{G}}^{i}} \stackrel{X}{\longrightarrow_{\mathbb{G}}^{i}} \stackrel{X}{\longrightarrow_{\mathbb{G}^{i}}} \stackrel{X$$