$$\underline{G}_\nu \ni \varphi : \psi$$

$$\underline{G}_\nu \xleftarrow[\text{mono}]{j} \underline{K}_\nu$$

$$\hat{1} \in {}^{G}\triangle^{2} \underline{K} \leftarrow \underline{G}_\nu \ni 1$$

$${}^{g}\hat{1} = \overset{*}{j}\, g^\nu 1$$

$${}^{g}E = \overset{*}{j}\, g^\nu j \in \mathbb{C} | \underline{K}$$

$${}^{g}_{i}E^{j} = \underbrace{j\xi^{i}} \bowtie \underbrace{g^\nu \xi^{j}}$$

$${}_{i}E^{j} \in {}^{G}\triangle^{2}\mathbb{C} : \quad E \in {}^{G}\triangle^{2}\mathbb{C}|\underline{K} : \quad E \notin {}^{G}\triangle^{1}\mathbb{C}|\underline{K}$$

$$\varrho_{{}_{i}E^{j}} \in C^*_\varrho (G)$$

$${}_{i}\hat{E}^{j}_{\nu} = \frac{1}{\dim \underline{K}} \overbrace{j\xi_{j}} \overbrace{\overset{*}{j}\xi_{j}}$$

$$\alpha \neq \nu \Longrightarrow {}_{i}\hat{E}^{j}_{\alpha} = 0$$

$$\nu \text{ off } \Longrightarrow \alpha \xrightarrow[\text{stet}]{} {}_{i}\hat{E}^{j}_{\alpha}$$

$$\mathcal{C}_B (G) \underset{\ell}{\bowtie} C^*_\varrho (G) \ni \ell_f \overbrace{1 \bowtie \varrho_u} \asymp C^* \frac{f\lambda_u}{f \in \mathcal{C}_B (G) : \quad u \in L^1 (G)} \ni f\lambda_{{}_{i}E^{j}}$$

$$\mathcal{C}_B (G) \underset{\ell}{\bowtie} C^*_\varrho (G) \bowtie \mathbb{C}|\underline{K} \ni f\lambda_E$$

$$\mathcal{C}_B (G) \xrightarrow{\mu} \mathbb{C}|{}^{G}\triangle^{2}\mathbb{C}$$

$$\lambda_s \,1\, \lambda_s^{-1} = \lambda_s \,1$$

$$\mathcal{C}_B (G) \underset{\ell}{\bowtie} C^*_\varrho (G) \xrightarrow{\pi} \mathbb{C}|{}^{G}\triangle^{2}\mathbb{C}$$

$$\pi \left(\ell_f \underbrace{1 \bowtie \varrho_u} \right) = \mu (f)\, \lambda_u$$

$$(\pi\otimes\imath)\, 1\otimes\varrho_{E} = \left((\pi\otimes\imath)\, 1\otimes\varrho_{{}_iE^j}\right) = \left(\lambda_{{}_iE^j}\right) = \lambda_{E}$$

$$T_{\nu}\,(f) = \lambda_{E} f \lambda_{E} = \pi\left(1\otimes\varrho_{E}\right)\ell_{f}\left(1\otimes\varrho_{E}\right)$$

$$j\overset{*}{j} = \underbrace{je_{i}}\overbrace{\overset{*}{je_{i}}}$$

$$\varphi\otimes\underbrace{j\overset{*}{j}\psi} = \underbrace{\overset{*}{j}\varphi}\,\underbrace{\overset{*}{j}\psi} = \overbrace{\underbrace{\overset{*}{j}\varphi}\otimes e_{i}}\,\overbrace{e_{i}\otimes\underbrace{\overset{*}{j}\psi}} = \overbrace{\varphi\otimes\underbrace{je_{i}}}\,\overbrace{\underbrace{je_{i}}\otimes\psi}$$

$$\int_{dg}^{G}\overbrace{1\otimes\underbrace{g^{\nu}1}}\,\overbrace{\underbrace{g^{\nu}1}\otimes 1} = \frac{1}{c_{\nu}}\underbrace{1\otimes 1}\,\underbrace{1\otimes 1}$$

$$\underline{G}_{\nu}^{\wedge} \xleftarrow[\text{proj}]{\lambda_{E}} G\overset{2}{\triangle}\underline{K}$$

$$\lambda_{E}\,\hat{1} = \frac{\dim_{\nu}\underline{K}}{\dim_{\nu}\underline{G}}\,\hat{1}$$

$$\underline{K}_{\nu} \ni {}^{s}\overbrace{\lambda_{E}\hat{1}} = \int_{dt}^{G}{}^{t}E^{\,t^{-}s}\hat{1} = \int_{dt}^{G}\underbrace{\overset{*}{j}t^{\nu}j}\,\underbrace{\overset{*}{j}\overbrace{t^{-}s}^{\nu}1} = \int_{dt}^{G}\underbrace{\overset{*}{j}t^{\nu}}\,\underbrace{j\overset{*}{j}}\,\underbrace{t^{-\nu}s^{\nu}1}$$

$$= \int_{dt}^{G}\overset{*}{j}\,t^{\nu}\,\underbrace{je_{i}}\,\overbrace{\overset{*}{je_{i}}}\,t^{-\nu}\,s^{\nu}1 = \int_{dt}^{G}\underbrace{\overset{*}{j}t^{\nu}je_{i}}\,\overbrace{\underbrace{je_{i}}\otimes\underbrace{t^{-\nu}s^{\nu}1}} = \int_{dt}^{G}\underbrace{\overset{*}{j}t^{\nu}je_{i}}\,\overbrace{\underbrace{t^{\nu}je_{i}}\otimes\underbrace{s^{\nu}1}}$$

$$\varepsilon\otimes{}^{s}\overbrace{\lambda_{E}\hat{1}} = \int_{dt}^{G}\overbrace{\varepsilon\otimes\underbrace{\overset{*}{j}t^{\nu}je_{i}}}\,\overbrace{\underbrace{t^{\nu}je_{i}}\otimes\underbrace{s^{\nu}1}} = \int_{dt}^{G}\overbrace{\underbrace{j\varepsilon}\otimes\underbrace{t^{\nu}je_{i}}}\,\overbrace{\underbrace{t^{\nu}je_{i}}\otimes\underbrace{s^{\nu}1}}$$

$$= \frac{1}{\sharp\underline{G}_{\nu}}\overbrace{\underbrace{je_{i}}\otimes\underbrace{je_{i}}}\,\overbrace{\underbrace{j\varepsilon}\otimes\underbrace{s^{\nu}1}} = \frac{\sharp\underline{K}_{\nu}}{\sharp\underline{G}_{\nu}}\overbrace{j\varepsilon\otimes\underbrace{s^{\nu}1}} = \frac{\sharp\underline{K}_{\nu}}{\sharp\underline{G}_{\nu}}\overbrace{\varepsilon\otimes\underbrace{\overset{*}{j}s^{\nu}1}} = \frac{\sharp\underline{K}_{\nu}}{\sharp\underline{G}_{\nu}}\varepsilon\otimes{}^{s}\hat{1}$$