$$\circ\!\!\underset{\mathbb{C}}{\amalg}\!\!\underset{\omega}{\overset{2}{\triangle}}\mathbb{C}^{\nu_{\mathbb{C}}}$$

$$\llcorner\!\lrcorner \,/\, \underset{\tau}{\llcorner\!\lrcorner} \,/\, \llcorner\!\lrcorner \quad \text{restr / Toep / Weyl}$$

$$\circ\!\!\underset{\mathbb{R}}{\amalg}\!\!\underset{\infty}{\overset{2}{\triangle}}\mathbb{C}$$

$$\circ\!\!\underset{\mathbb{C}}{\amalg}\!\!\underset{\omega}{\overset{2}{\triangle}}\mathbb{C}^{\gamma_{\mathbb{C}}}$$

$$\gamma_{\mathbb{C}} = \gamma \frac{2r}{r_{\mathbb{C}}}$$

$$r_{\mathbb{C}}\, \gamma_{\mathbb{C}} = 2r\gamma$$

$${}^{z}I = {}^{z}\!\underset{\circ\!\!\underset{\mathbb{C}}{\amalg} z^{\sharp}}{\amalg}^{-\nu/2} \in \circ\!\!\underset{\mathbb{C}}{\amalg}\!\!\underset{\omega}{\triangle}\mathbb{C}$$

$$\text{field} \,/\, \qquad {}^{\zeta}\!\llcorner\!\lrcorner = \ulcorner\!\urcorner\, \bigstar \urcorner$$

$$f \underset{\mathbb{R}}{\bigstar} \llcorner\!\lrcorner = \ulcorner f \urcorner^{\nu_{\mathbb{C}}} \bigstar \urcorner$$

$$\llcorner\!\lrcorner \underset{\mathbb{R}}{\bigstar} f = \urcorner \bigstar^{\nu_{\mathbb{C}}} \ulcorner f \urcorner$$

$${}^{x}\!f \int_{\mu_x^0}^{D_{\mathbb{R}}} {}^{x}\!\underset{\llcorner}{F} = \ulcorner f \urcorner^{\nu_{\mathbb{C}}} \bigstar F = {}^{z}\!\ulcorner f \urcorner \int_{\mu_z^{\nu}}^{D_{\mathbb{C}}} {}^{z}F$$

$${}^{x}\!\underset{\llcorner}{F} \int_{\mu_x^0}^{D_{\mathbb{R}}} {}^{x}f = F \bigstar^{\nu_{\mathbb{C}}} \ulcorner f \urcorner = {}^{z}\!F \int_{\mu_z^{\nu}}^{D_{\mathbb{C}}} {}^{z}\ulcorner f \urcorner$$

$${}_{\mathbb{R}}G \ni g \underset{\text{cov}}{\Longrightarrow} \underset{\llcorner}{g^{\nu}\urcorner} = g \ltimes \llcorner\!\lrcorner$$

$$\underset{\llcorner}{{}^{\zeta}\!\circ\!\!\underset{\mathbb{C}}{\amalg} z^{-\nu}} = {}^{z}\!\ulcorner\!\urcorner_{\zeta}$$

$${}^{z}\ulcorner f \urcorner \underset{\text{repr}}{=} {}^{\zeta}\!\circ\!\!\underset{\mathbb{C}}{\amalg}^{*} z^{-\nu} \int_{\mu_{\zeta}^{\nu}}^{D_{\mathbb{C}}} {}^{\zeta}\ulcorner f \urcorner = \circ\!\!\underset{\mathbb{C}}{\amalg} z^{-\nu} \bigstar^{\nu_{\mathbb{C}}} \ulcorner f \urcorner = \underbrace{{}^{x}\underset{\llcorner}{\circ\!\!\underset{\mathbb{C}}{\amalg}{}^{*} z^{-\nu}}}_{{}^{z}\!\ulcorner\!\urcorner_{\zeta}} \int_{\mu_x^0}^{D_{\mathbb{R}}} {}^{x}f$$

$$ {}_{\mathbb{R}}G \ni g \underset{\text{cov}}{\Longrightarrow} \underbrace{{}_{\circ_{\mathbb{C}}}\mathbb{I}_{wg}^{-\nu}} = g \ltimes \underbrace{{}_{\circ_{\mathbb{C}}}\mathbb{I}_{w}^{-\nu}} $$

$$ \text{reconstr} \ / \qquad {}^{\zeta}\urcorner = \underbrace{{}^{z}\underline{g}_{-\zeta}}_{\in \mathbb{R}} \ {}^{zg_{\zeta}}\overset{*}{O} \int\limits_{\mu_z^{\nu}\mathbb{C}}^{D_{\mathbb{C}}} {}^{z}\urcorner $$

$$ \text{LHS} \ = {}^{\zeta}\overset{\nu_{\mathbb{C}}}{\urcorner} \bigstar \urcorner = {}^{z}\overset{*}{\urcorner}_{\zeta} \int\limits_{\mu_z^{\nu}\mathbb{C}}^{D_{\mathbb{C}}} {}^{z}\urcorner = \ \text{RHS} $$

$$ {}^{\zeta}\underbrace{F}_{\tau} = {}^{\zeta}F \ {}_{\circ_{\mathbb{C}}\zeta}\mathbb{I}^{\nu/2} = \frac{{}^{\zeta}F}{I(\zeta)} \ \text{Toep restr} $$

$$ \underbrace{F}_{\tau} = \varrho\left(FI^{-1}\right) $$

$$ {}^{x}\underbrace{{}_{\circ_{\mathbb{C}}z}\mathbb{I}^{-\nu}}_{\tau} = {}_{\circ_{\mathbb{C}}z}^{x}\mathbb{I}^{-\nu} \ {}_{\circ_{\mathbb{C}}x}^{x}\mathbb{I}^{\nu/2} = {}^{x}\overbrace{\overset{*}{T} \ {}_{\circ_{\mathbb{C}}z}\mathbb{I}^{-\nu}} $$

$$ {}^{x}\underbrace{F}_{\sigma} \ \text{Weyl restr} $$