$$D \underset{\omega}{\triangleright} \underbrace{Z \underset{\bullet}{\triangleright} {}^{|n}\mathbb{C}} \xleftarrow[\text{metrep}]{{}_{+}G^{|n}} G \ltimes D \underset{\omega}{\triangleright} \underbrace{Z \underset{\bullet}{\triangleright} {}^{|n}\mathbb{C}}$$

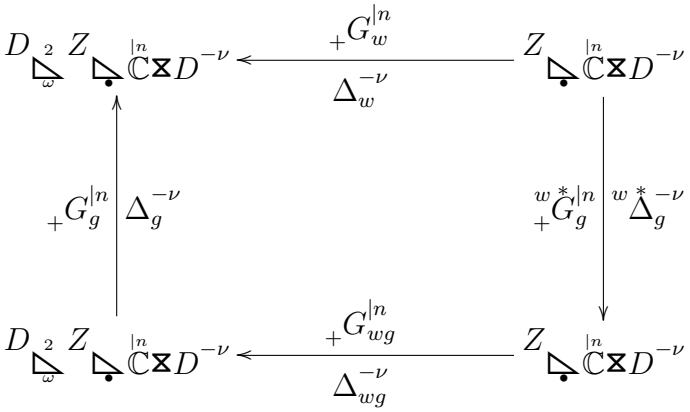
$$\overbrace{{}_{+}G_g^{|n}}^{\zeta|z} = {}^{\zeta + z}\Delta_g^{n\ \zeta + {}^{z}g - {}^{z}g|^{z}g}$$

$$\begin{array}{ccc}
D \underset{\omega}{\overset{2}{\triangleright}} Z \underset{\bullet}{\triangleright} {}^{|n}\mathbb{C} & \xleftarrow{{}_{+}G_w^{-|n}} & Z \underset{\bullet}{\triangleright} {}^{|n}\mathbb{C} \\
\uparrow {}_{+}G_g^{|n} & & \downarrow {}_{+}{}^{w}_{*}G_g^{|n} \\
D \underset{\omega}{\overset{2}{\triangleright}} Z \underset{\bullet}{\triangleright} {}^{|n}\mathbb{C} & \xleftarrow[{}_{+}G_{wg}^{-|n}]{} & Z \underset{\bullet}{\triangleright} {}^{|n}\mathbb{C}
\end{array}$$

$$D \underset{\omega}{\triangleright} \underbrace{Z \underset{\bullet}{\triangleright} {}^{|n}\mathbb{C}\boldsymbol{\aleph}D^{-\nu}} \xleftarrow[\text{u-rep}]{{}_{+}G^{|n}\boldsymbol{\aleph}D^{-\nu}} G \ltimes D \underset{\omega}{\triangleright} \underbrace{Z \underset{\bullet}{\triangleright} {}^{|n}\mathbb{C}\boldsymbol{\aleph}D^{-\nu}}$$

$$\overbrace{{}_{+}G_g^{|n}\boldsymbol{\aleph}\Delta_g^{-\nu}}^{\zeta|z} = {}^{z}\Delta_g^{-\nu\ \zeta + {}^{z}\Delta_g^{-n\ \zeta + {}^{z}g - {}^{z}g|^{z}g}}$$

$$\begin{array}{ccc}
Z \underset{\bullet}{\triangleright} {}^{|n}\mathbb{C}\boldsymbol{\aleph}D^{-\nu} & \xrightarrow[{}^{z}D_w^{-\nu}]{{}_{+}{}^{z}G_w^{|n}} & Z \underset{\bullet}{\triangleright} {}^{|n}\mathbb{C}\boldsymbol{\aleph}D^{-\nu} \\
\uparrow {}_{+}{}^{z}G_g^{|n} \mid {}^{z}\Delta_g^{-\nu} & & \downarrow {}_{+}{}^{w}_{*}G_g^{|n} \mid {}^{w}_{*}\Delta_g^{-\nu} \\
Z \underset{\bullet}{\triangleright} {}^{|n}\mathbb{C}\boldsymbol{\aleph}D^{-\nu} & \xrightarrow[{}^{zg}D_{wg}^{-\nu}]{{}_{+}{}^{zg}G_{wg}^{|n}} & Z \underset{\bullet}{\triangleright} {}^{|n}\mathbb{C}\boldsymbol{\aleph}D^{-\nu}
\end{array}$$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