$$e_i^B = \underbrace{e_i - z\overset{*}{e}_i z}\frac{\partial}{\partial z}$$

$$e_i^P = 2\, e_i\, \overset{*}{e}_i\, z\frac{\partial}{\partial z}$$

$$\underset{-}{A}_\circ = \frac{e_i^D}{1 \leqslant i \leqslant r}\mathbb{R}$$

$$e_i^D \,|\, \overset{\sharp}{e}_j^D = \delta_i^j$$

$$\bullet^j = \begin{cases} \overset{\sharp}{e}_j^D - \overset{\sharp}{e}_{j+1}^D & 1 \leqslant j < r \\ 2\overset{\sharp}{e}_r^D & j = r\colon \quad \text{alg} \\ \overset{\sharp}{e}_r^D & j = r\colon \quad \text{tri} \end{cases}$$

$$\underset{-}{G} = \underset{-}{A}_\circ \times K^{\mathfrak{a}_\circ} \times \underset{-}{G}^\omega$$

$$\underset{-}{A}_\circ \ni \sum_i \left(\alpha_i + \alpha_{i+1} + \cdot\cdot + \alpha_r\right)\, e_i^D$$

$$\alpha_j^D = \overset{\sharp}{e}_j^D - \overset{\sharp}{e}_{j+1}^D \Longrightarrow \alpha_i^D + \alpha_{i+1}^D + \cdot\cdot + \alpha_{r-1}^D + \alpha_r^D$$

$$= \overset{\sharp}{e}_i^D - \overset{\sharp}{e}_{i+1}^D + \overset{\sharp}{e}_{i+1}^D - \overset{\sharp}{e}_{i+2}^D + \cdot\cdot + \overset{\sharp}{e}_{r-1}^D - \overset{\sharp}{e}_r^D + \begin{cases} 2\overset{\sharp}{e}_r^D \\ \overset{\sharp}{e}_r^D \end{cases} = \begin{cases} \overset{\sharp}{e}_i^D + \overset{\sharp}{e}_r^D \\ \overset{\sharp}{e}_i^D \end{cases}$$