

$$\int_{dh}^{H \cap K} z \cdot h \mathbf{e}_w = z \mathbf{e}_0^x w \bar{\mathbf{e}}_0^x = \frac{d_x}{(d/r)_x} z \varphi^x w \bar{\varphi}^x$$

$$z \mathbf{e}_w = \sum_{\mathcal{Z}}^{\vec{r}, \vec{N}} z \mathbf{e}_w^x: \quad z \mathbf{e}_w^x = z \mathbf{e}_i^x w \bar{\mathbf{e}}_i^x: \quad \mathbf{e}_i^x \times_{\mathcal{Z}} \mathbf{e}_i^x = 1$$

$$z \cdot h \mathbf{e}_0^x = z \mathbf{e}_0^x \in \int_{dh}^{H \cap K} \mathcal{Z} \triangleleft \check{\mathbb{C}} \ni z \varphi^x$$

$$e \varphi^x = 1 \Rightarrow z \mathbf{e}_0^x = z \varphi^x e \mathbf{e}_0^x$$

$$1 = \mathbf{e}_0^x \times_{\mathcal{Z}} \mathbf{e}_0^x = e \mathbf{e}_0^x \varphi^x \times \varphi^x \frac{\text{FK}}{230} e \mathbf{e}_0^x \frac{(d/r)_x}{d_x}$$

$$d_x \ni i > 0 \Rightarrow \int_{dh}^{H \cap K} z \cdot h \mathbf{e}_i^x = 0$$

$$z \gamma = \int_{dh}^{H \cap K} z \cdot h \mathbf{e}_i^x \Rightarrow \gamma \in \int_{dh}^{H \cap K} \mathcal{Z} \triangleleft \check{\mathbb{C}} \Rightarrow z \gamma = z \varphi^x e \gamma$$

$$\begin{aligned} \int_{dh}^{H \cap K} \varphi^x \times_{\mathcal{Z}} \varphi^x &= \int_{dh}^{H \cap K} \varphi^x \times_{\mathcal{Z}} \varphi^x = \int_{dh}^{H \cap K} \underbrace{h \times \mathbf{e}_i^x}_{\mathcal{Z}} \times_{\mathcal{Z}} \varphi^x = \int_{dh}^{H \cap K} \underbrace{h \times \mathbf{e}_i^x}_{\mathcal{Z}} \times_{\mathcal{Z}} \varphi^x \\ &= \int_{dh}^{H \cap K} \underbrace{h \times \mathbf{e}_i^x}_{\mathcal{Z}} \times_{\mathcal{Z}} (h \times \varphi^x) = \int_{dh}^{H \cap K} \mathbf{e}_i^x \times_{\mathcal{Z}} \varphi^x = 0 \Rightarrow e \gamma = 0 \Rightarrow \gamma = 0 \end{aligned}$$

$$\begin{aligned} \int_{dh}^{H \cap K} z \cdot h \mathbf{e}_w^x &= \int_{dh}^{H \cap K} \underbrace{z \cdot h \mathbf{e}_i^x w \bar{\mathbf{e}}_i^x}_{\mathcal{Z}} = \int_{dh}^{H \cap K} \underbrace{z \cdot h \mathbf{e}_i^x w \bar{\mathbf{e}}_i^x}_{\mathcal{Z}} \\ &= \int_{dh}^{H \cap K} \underbrace{z \cdot h \mathbf{e}_0^x w \bar{\mathbf{e}}_0^x}_{\mathcal{Z}} = z \mathbf{e}_0^x w \bar{\mathbf{e}}_0^x = e \mathbf{e}_0^x z \varphi^x w \bar{\varphi}^x = \frac{d_x}{(d/r)_x} z \varphi^x w \bar{\varphi}^x \end{aligned}$$

$$\frac{d_{\mathfrak{z}}}{(d/r)_{\mathfrak{z}}} \int_{d\mu(y)}^{\mathbb{R}_{>}^{\ell}} y \mathbf{e}_e^{-1} y \varphi^{\mathfrak{z}} = \lambda_{\mathfrak{z}} e \mathbf{e}_e^{\mathfrak{z}} \Rightarrow \int_{d\mu(y)}^{\mathbb{R}_{>}^{\ell}} \int_{dh}^{H \cap K} y \cdot h \mathbf{e}_{\Re C(w)}^{-1} = {}^w \Delta_{-e}^{\lambda} {}^w \Delta_w^{-\lambda - e} \Delta_w^{\lambda}$$

$$\begin{aligned} \int_{d\mu(y)}^{\mathbb{R}_{>}^{\ell}} \int_{dh}^{H \cap K} y \cdot h \mathbf{e}_{\Re C(w)}^{-1} &= \int_{d\mu(y)}^{\mathbb{R}_{>}^{\ell}} y \mathbf{e}_e^{-1} \int_{dh}^{H \cap K} y \cdot h \mathbf{e}_{e^{-\Re C(w)}} = \int_{d\mu(y)}^{\mathbb{R}_{>}^{\ell}} y \mathbf{e}_e^{-1} \sum_{\mathfrak{z}}^{\mathbb{R}_{>}^{\ell}} \frac{d_{\mathfrak{z}}}{(d/r)_{\mathfrak{z}}} y \varphi^{\mathfrak{z}} e^{-\Re C(w)} \bar{\varphi}^{\mathfrak{z}} \\ &= \sum_{\mathfrak{z}}^{\mathbb{R}_{>}^{\ell}} \frac{d_{\mathfrak{z}}}{(d/r)_{\mathfrak{z}}} \int_{d\mu(y)}^{\mathbb{R}_{>}^{\ell}} y \mathbf{e}_e^{-1} y \varphi^{\mathfrak{z}} e^{-\Re C(w)} \bar{\varphi}^{\mathfrak{z}} \\ &= \sum_{\mathfrak{z}}^{\mathbb{R}_{>}^{\ell}} \lambda_{\mathfrak{z}} e \mathbf{e}_e^{\mathfrak{z}} e^{-\Re C(w)} \bar{\varphi}^{\mathfrak{z}} = \sum_{\mathfrak{z}}^{\mathbb{R}_{>}^{\ell}} \lambda_{\mathfrak{z}} e \mathbf{e}_{e^{-\Re C(w)}}^{\mathfrak{z}} = e \Delta_{e^{-\Re C(w)}}^{-\lambda} = {}^w \Delta_{-e}^{\lambda} {}^w \Delta_w^{-\lambda - e} \Delta_w^{-\lambda} \end{aligned}$$

$$\begin{aligned} {}^w C &= \overline{1+w}^{-1} \underline{1-w} \Rightarrow \Re {}^w C = \overline{1+w}^{-1} \underline{1-w^*} \overline{1+\tilde{w}}^{-1} \\ \dot{w} {}^w \underline{C} &= -\overline{1+w}^{-1} \dot{w} \overline{1+w}^{-1} \underline{1-w} + \overline{1+w}^{-1} \underline{-\dot{w}} = -2 \overline{1+w}^{-1} \dot{w} \overline{1+w}^{-1} \\ &\Rightarrow {}^w \underline{C} = P_{e+w}^{-1} \\ &\quad \overline{1/p} {}^w \underline{C} \Delta(\Re C(w)) \overline{* / p} {}^w \underline{C} = {}^w \Delta_w \end{aligned}$$