

$${}^n\mathbb{C} \rhd \dot{\lambda} \xleftarrow[\text{hol}]{\mathfrak{V}} {}^n\mathbb{C} \rhd \lambda: \quad \mathfrak{V}^{a+\lambda} = b + \dot{\lambda} \Rightarrow$$

$$\begin{array}{ccc} {}^m\mathbb{C} & \xleftarrow[\text{hol}]{{}_b\mathfrak{V}_a} & {}^n\mathbb{C} \\ \downarrow \dot{\pi} & & \downarrow \pi \\ {}^n\mathbb{C} \rhd \dot{\lambda} & \xleftarrow[\text{hol}]{\mathfrak{V}} & {}^n\mathbb{C} \rhd \lambda \end{array} \quad : \quad {}_b\mathfrak{V}_a^a = b$$

$$\begin{array}{ccc} {}^m\mathbb{C} & \xleftarrow[\text{hol}]{{}_b\mathfrak{V}_a} & {}^n\mathbb{C} \\ \downarrow \dot{\pi} & \swarrow \text{ucov} \quad \text{hol} \quad \mathfrak{V} \circ \pi & \downarrow \pi \\ {}^n\mathbb{C} \rhd \dot{\lambda} & \xleftarrow[\text{hol}]{\mathfrak{V}} & {}^n\mathbb{C} \rhd \lambda \end{array}$$

$$\mathfrak{V} \circ \pi^a = \mathfrak{V}^{a+\lambda} = b + \dot{\lambda} = \dot{\pi}^b: \quad {}^n\mathbb{C} \text{ 1-zush}$$

$$\bigwedge_{\lambda \in \dot{\lambda}} {}_b\mathfrak{V}_a^{\mathbb{J}+\lambda} = {}_b\mathfrak{V}_a^{\mathbb{J}} + {}_b\mathfrak{V}_a^{a+\lambda} - b$$

$$\begin{aligned} \dot{\pi}^b \mathfrak{V}_a^{\mathbb{J}+\lambda} &= \mathfrak{V}^{\pi^{\mathbb{J}+\lambda}} = \mathfrak{V}^{\pi^{\mathbb{J}}} = \dot{\pi}^b \mathfrak{V}_a^{\mathbb{J}} \Rightarrow {}_b\mathfrak{V}_a^{\mathbb{J}+\lambda} - {}_b\mathfrak{V}_a^{\mathbb{J}} \in \dot{\lambda} \text{ discrete} \\ \Rightarrow_{\text{hol}} {}_b\mathfrak{V}_a^{\mathbb{J}+\lambda} - {}_b\mathfrak{V}_a^{\mathbb{J}} &= \text{cst} = {}_b\mathfrak{V}_a^{a+\lambda} - {}_b\mathfrak{V}_a^a = {}_b\mathfrak{V}_a^{a+\lambda} - b \end{aligned}$$

$$\bigvee \underline{r} \in {}^m\mathbb{C}_n: \quad {}_b\underline{r}_a^\perp - b = \underline{r} (\perp - a)$$

$$\begin{aligned} {}_b\mathfrak{V}_a \circ \mathfrak{t}_\lambda &= {}_b\mathfrak{V}_a + \overbrace{{}_b\mathfrak{V}_a^{a+\lambda} - b}^{\text{cst}} \\ \Rightarrow \underbrace{{}_b\mathfrak{V}_a \circ \mathfrak{t}_\lambda}_i &= \underbrace{{}_b\mathfrak{V}_a \circ \mathfrak{t}_\lambda}_i = \underbrace{{}_b\mathfrak{V}_a + \overbrace{{}_b\mathfrak{V}_a^{a+\lambda} - b}}_i = \underbrace{{}_b\mathfrak{V}_a}_i \\ \Rightarrow \max_{m_{\mathbb{C}}} \left[\underbrace{{}_b\mathfrak{V}_a}_i \right] &= \max_P \left[\underbrace{{}_b\mathfrak{V}_a}_i \right] < +\infty \Rightarrow \max_{\overline{i}} \underbrace{{}_b\mathfrak{V}_a}_{\overline{i}} = \text{cst} = \underbrace{{}_i\mathfrak{V}}_{\overline{i}} \in \mathbb{C}_n \\ \mathfrak{V}_{\overline{i}} = \left(\underbrace{{}_i\mathfrak{V}}_{\overline{i}} \right) &\Rightarrow {}_b\mathfrak{V}_a^{\perp} = \mathfrak{V}_{\overline{i}} \perp + {}_b\mathfrak{V}_a^0 \\ {}_b\mathfrak{V}_a^0 &= {}_b\mathfrak{V}_a^a - \mathfrak{V}_{\overline{i}} a = b - \mathfrak{V}_{\overline{i}} a \end{aligned}$$