

$$\mathfrak{h}^\infty \left\{ \begin{smallmatrix} \mathbb{J} \\ \Gamma \end{smallmatrix} \nabla \mathbb{C} \right\} \longleftarrow \begin{smallmatrix} \Gamma \\ \cdot \end{smallmatrix} \overline{\mathfrak{h}^\infty \nabla \mathbb{C}}^N$$

$$\mathfrak{h}^\infty \left\{ \begin{smallmatrix} \mathbb{J} \\ \Gamma \end{smallmatrix} \nabla \mathbb{C} \right\} \ni \Gamma_j \text{ standard basis}$$

$$\mathfrak{A} = \begin{smallmatrix} \Gamma \\ \cdot \end{smallmatrix} \underbrace{\begin{smallmatrix} \Gamma \\ \cdot \end{smallmatrix} \mathfrak{A}}$$

$$^i \delta_j = \begin{smallmatrix} i \\ \Gamma \end{smallmatrix} \begin{smallmatrix} \Gamma \\ \cdot \end{smallmatrix} \Gamma_j$$

$$\begin{array}{ccc} & & \overline{\mathfrak{h}^\infty \nabla \mathbb{C}}^N \\ & \swarrow \begin{smallmatrix} \nabla \\ \cdot \end{smallmatrix} = \begin{smallmatrix} \nabla \\ \cdot \end{smallmatrix} \mathfrak{A} & \updownarrow \begin{smallmatrix} \mathfrak{A} \\ \cdot \end{smallmatrix} \\ \mathfrak{h}^\infty \left\{ \begin{smallmatrix} \mathbb{J} \\ \Gamma \end{smallmatrix} \nabla \mathbb{C} \right\} & & \overline{\mathfrak{h}^\infty \nabla \mathbb{C}}^N \\ & \nwarrow \begin{smallmatrix} \nabla \\ \cdot \end{smallmatrix} = \begin{smallmatrix} \nabla \\ \cdot \end{smallmatrix} \mathfrak{A} & \end{array}$$

$$\mathfrak{h}^\infty \left\{ \begin{smallmatrix} \mathbb{J} \\ \Gamma \end{smallmatrix} \nabla \mathbb{C} \right\} \ni {}^h \nabla_j \text{ basis}$$

$$\mathfrak{A} = \mathfrak{A} \underbrace{\begin{smallmatrix} \nabla \\ \cdot \end{smallmatrix} \mathfrak{A}}$$

$$^i \delta_j = \mathfrak{A} \begin{smallmatrix} i \\ \nabla \end{smallmatrix} \nabla_j$$