

$$\begin{array}{ccc}
 + \overline{\mathfrak{h}} \underbrace{\hspace{0.5cm}}_{\infty} \overline{\mathfrak{h}} \bigtriangleup \overline{\mathfrak{h}} & & \ni \mathfrak{h} \bowtie \\
 \downarrow \mathfrak{F} \mathfrak{A} & & \downarrow \\
 \underbrace{\overline{\mathfrak{h}} \underbrace{\hspace{0.5cm}}_{\infty} \overline{\mathfrak{h}} \bigtriangleup \mathbb{R}}_n & & \ni \mathfrak{F} \underbrace{\mathfrak{h} \bowtie \mathfrak{A}}
 \end{array}$$

$$\overline{\mathfrak{h}} \underbrace{\hspace{0.5cm}}_{\infty} \overline{\mathfrak{h}} \bigtriangleup \overline{\mathfrak{h}} \ni \mathfrak{h} \bowtie$$

$$\overline{\mathfrak{F} \bowtie \mathfrak{h} \mathfrak{A}^j} = \mathfrak{A}^j_i$$

$$\mathfrak{F} \bowtie \mathfrak{h} = \overline{\mathfrak{F} \bowtie \mathfrak{h} \mathfrak{A}^j}_j \mathfrak{F} = \mathfrak{A}^j_i \mathfrak{F}_j$$

$$\mathfrak{A}_i = \overline{\mathfrak{F} \bowtie \mathfrak{h} \mathfrak{A}^j}_i \in \underbrace{\overline{\mathfrak{h}} \underbrace{\hspace{0.5cm}}_{\infty} \overline{\mathfrak{h}} \bigtriangleup \mathbb{R}}_n \quad \text{1-form matrix}$$

$$\overline{\mathfrak{A}_i \bowtie \mathfrak{h} \mathfrak{A}^j}_i = \mathfrak{A}^j_i$$

$$\mathfrak{A}_i \bowtie \mathfrak{h} = \overline{\mathfrak{A}_i \bowtie \mathfrak{h} \mathfrak{A}^j}_j \mathfrak{A}_i = \mathfrak{A}^j_i \mathfrak{A}_j$$

$$\mathfrak{A}_i = \overline{\mathfrak{F} \bowtie \mathfrak{h} \mathfrak{A}^j}_i = \overline{\mathfrak{A}_i \bowtie \mathfrak{h} \mathfrak{A}^j}_i \in \underbrace{\overline{\mathfrak{h}} \underbrace{\hspace{0.5cm}}_{\infty} \overline{\mathfrak{h}} \bigtriangleup \mathbb{R}}_n \quad \text{1-form matrix}$$