

$$\underline{h} \nabla h \xrightarrow{b + b \bar{h}} \underline{h} \nabla h$$

$$\overbrace{\underline{b} \underline{d} + \underline{b} \underline{h}}_z \underline{\nabla} = \underline{b} \underline{\nabla} \underline{d} + \overbrace{\underline{b} \underline{g} \underline{d}}_{\underline{b} \underline{\nabla} z} = \underline{b} \underline{\nabla}_z \underline{b} \underline{\nabla}_z + \underbrace{\underline{b} \underline{\nabla}_z \overbrace{\underline{b} \underline{h}}^z}_{\underline{b} \underline{\nabla} z}$$

$$\underline{b} \underline{h} \underline{\nabla} \underline{\nabla} = \underline{b} \underline{\nabla} \times + \underbrace{\underline{d} \underline{b} \underline{g}}_b$$

$$'b'_b \bar{h} = 'b^i_b \bar{h} \underline{\nabla}_j \underline{\nabla}^j = 'b^i \underline{b} \bar{h} \underline{\nabla}^j_j - b \times 'b^i_b \underline{h} \underline{\nabla}^j_j = 'b^i_b \underline{d} \underline{b} \underline{g}^j_j - b \times 'b^i_b = -b \times b + 'b^i_b \underline{d} \underline{b} \underline{g}$$

$$\underline{h} \nabla h \xleftarrow{b + b \bar{h}} \underline{h} \nabla h$$

$$\begin{array}{ccc} & & \\ \downarrow & & \downarrow \\ \underline{h} \nabla h & \xleftarrow{b + b \bar{h}} & \underline{h} \nabla h \end{array}$$

$$\overbrace{\underline{b} \underline{d} + \underline{b} \underline{h}}_z \underline{\nabla} = \underline{b} \underline{\nabla} \underline{d} + \overbrace{\underline{b} \underline{g} \underline{d}}_{\underline{b} \underline{\nabla} z} = \underline{b} \underline{\nabla}_z \underline{b} \underline{\nabla}_z + \underbrace{\underline{b} \underline{\nabla}_z \overbrace{\underline{b} \underline{h}}^z}_{\underline{b} \underline{\nabla} z}$$

$$\underline{b} \underline{h} \underline{\nabla} \underline{\nabla} = \underline{b} \underline{\nabla} \times + \underbrace{\underline{d} \underline{b} \underline{g}}_b$$

$$'b'_b \bar{h} = 'b^i_b \bar{h} \underline{\nabla}_j \underline{\nabla}^j = 'b^i \underline{b} \bar{h} \underline{\nabla}^j_j - b \times 'b^i_b \underline{h} \underline{\nabla}^j_j = 'b^i_b \underline{d} \underline{b} \underline{g}^j_j - b \times 'b^i_b = -b \times b + 'b^i_b \underline{d} \underline{b} \underline{g}$$

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$$\underline{b} \underline{h} \underline{\nabla} \underline{\nabla} = \underline{b} \underline{\nabla} \times + \underbrace{\underline{d} \underline{b} \underline{g}}_b$$

$$'b'_b \bar{h} = 'b^i_b \bar{h} \underline{\nabla}_j \underline{\nabla}^j = 'b^i \underline{b} \bar{h} \underline{\nabla}^j_j - b \times 'b^i_b \underline{h} \underline{\nabla}^j_j = 'b^i_b \underline{d} \underline{b} \underline{g}^j_j - b \times 'b^i_b = -b \times b + 'b^i_b \underline{d} \underline{b} \underline{g}$$

$$\begin{array}{ccc}
& \xleftarrow{\mathfrak{b} + \mathfrak{b}\bar{A}\mathfrak{h}} & \\
\mathbb{h} \boxtimes \mathbb{h} & & \mathbb{h} \boxtimes \mathbb{h} \\
\downarrow & & \downarrow \\
& \xleftarrow{\mathfrak{b} + \mathfrak{b}\bar{A}\mathfrak{h}} & \\
\mathbb{h} \boxtimes \mathbb{h} & & \mathbb{h} \boxtimes \mathbb{h}
\end{array}$$

$$\underbrace{\mathfrak{b} \underbrace{d + \bar{A} \mathfrak{V}}_z}_{\mathfrak{b} \mathfrak{V}_z} = \underbrace{\mathfrak{b} \mathfrak{V}}_{\mathfrak{b} \mathfrak{V}_z} \underbrace{d + \bar{A} g d}_{\mathfrak{b} \mathfrak{V}_z} = \underbrace{\mathfrak{b} \mathfrak{V}}_{\mathfrak{b} \mathfrak{V}_z} \mathfrak{b} \mathfrak{V}_z + \underbrace{\mathfrak{b} \mathfrak{V}}_{\mathfrak{b} \mathfrak{V}_z} \underbrace{\bar{A} g}_{\mathfrak{b} \mathfrak{V}_z}$$

$$\mathfrak{b} \mathfrak{b} \bar{A} \mathfrak{V} = \underbrace{\mathfrak{b} \mathfrak{V}}_{\mathfrak{b}} \mathfrak{b} + \underbrace{d \mathfrak{b} g}_{\mathfrak{b}}$$

$$\mathfrak{b} \mathfrak{b} \bar{A} = \mathfrak{b}^i \mathfrak{b} \bar{A} \underbrace{\mathfrak{V}^j}_{j} = \mathfrak{b}^i \underbrace{\mathfrak{b} \bar{A} \mathfrak{V}^j}_{j} - \mathfrak{b} \mathfrak{b} \mathfrak{b}^i \mathfrak{b} \bar{A} \mathfrak{V}^j = \mathfrak{b}^i \underbrace{d \mathfrak{b} g^j}_{i} - \mathfrak{b} \mathfrak{b} \mathfrak{b}^i \mathfrak{b} = -\mathfrak{b} \mathfrak{b} \mathfrak{b} + \mathfrak{b}^i \underbrace{d \mathfrak{b} g^i}_{i}$$