$$N_{\alpha} \quad N_{\alpha ij} \mathbf{p}_{\alpha j} \quad \cdots \quad \cdots \quad N_{\alpha ij} \mathbf{\hat{e}_{j}} \quad \cdots \quad \cdots \quad \mathbf{p}_{\beta ij} \cdots \quad \mathbf{p}_{\beta j} \cdots \quad \mathbf{p}_{\beta j} \cdots \quad \mathbf{p}_{\beta ij} \cdots \quad \mathbf{p}_{\beta i$$

 $\mathbf{p}_{\alpha \mathbf{j}}, \mathbf{p}_{\beta \mathbf{j}}, \mathbf{e}_{\mathbf{j}}$: free generators, space basis elements