$$N_{\alpha ij} \mathbf{P}_{\alpha \mathbf{j}} \qquad \qquad N_{\alpha ij} \mathbf{\hat{e}_{j}} \qquad N_{\alpha ij} \mathbf{\hat{e}_{j}} \qquad \qquad N_{\alpha ij} \mathbf{\hat{e}_{j}} \qquad N_{\alpha ij} \mathbf{\hat{e}_{j}} \qquad \qquad N_{\alpha ij} \mathbf{\hat{e}_{j}} \qquad N_{\alpha ij}$$

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