

$$\begin{array}{c} \mathbf{A} \\ | \\ 0 \text{ --- } | \text{ --- } 0 \\ | \\ \mathbf{A} \end{array}$$

$$\frac{1}{1 + \alpha}$$

$$\begin{array}{c} \mathbf{A} \\ | \\ k \text{ --- } | \text{ --- } k \\ | \\ \mathbf{A} \end{array}$$

$$\frac{(\alpha - \nu q^{A_k}) q^{\mathbf{A}_{[k+1, n]}}}{1 + \alpha}$$

$$\begin{array}{c} \mathbf{A}_k^- \\ | \\ 0 \text{ --- } | \text{ --- } k \\ | \\ \mathbf{A} \end{array}$$

$$\frac{\alpha (1 - q^{A_k}) q^{\mathbf{A}_{[k+1, n]}}}{1 + \alpha}$$

$$\begin{array}{c} \mathbf{A} \\ | \\ 0 \text{ --- } | \text{ --- } m \\ | \\ \mathbf{A} \end{array}$$

$$\frac{\alpha q^{\mathbf{A}_{[m+1, n]}}}{1 + \alpha}$$

$$\begin{array}{c} \mathbf{A}_k^+ \\ | \\ k \text{ --- } | \text{ --- } 0 \\ | \\ \mathbf{A} \end{array}$$

$$\frac{1}{1 + \alpha}$$

$$\begin{array}{c} \mathbf{A}_{k\ell}^{+-} \\ | \\ k \text{ --- } | \text{ --- } \ell \\ | \\ \mathbf{A} \end{array}$$

$$\frac{\alpha (1 - q^{A_\ell}) q^{\mathbf{A}_{[\ell+1, n]}}}{1 + \alpha}$$

$$\begin{array}{c} \mathbf{A}_{\ell k}^{+-} \\ | \\ \ell \text{ --- } | \text{ --- } k \\ | \\ \mathbf{A} \end{array}$$

$$\frac{\nu (1 - q^{A_k}) q^{\mathbf{A}_{[k+1, n]}}}{1 + \alpha}$$

$$\begin{array}{c} \mathbf{A}_\ell^+ \\ | \\ \ell \text{ --- } | \text{ --- } m \\ | \\ \mathbf{A} \end{array}$$

$$\frac{\nu q^{\mathbf{A}_{[m+1, n]}}}{1 + \alpha}$$