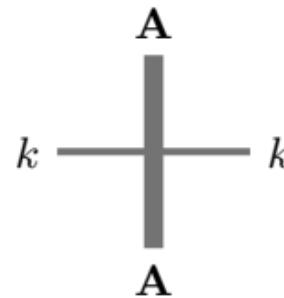
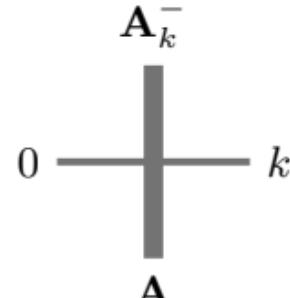


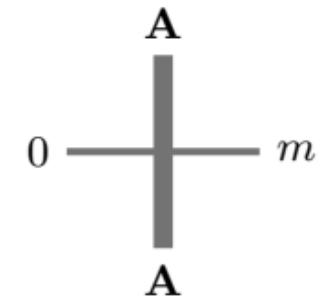
$$\frac{1}{1+\alpha}$$



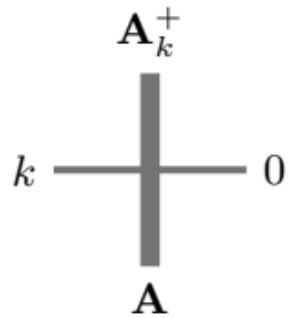
$$\frac{(\alpha - \nu q^{A_k}) q^{\mathbf{A}_{[k+1,n]}}}{1+\alpha}$$



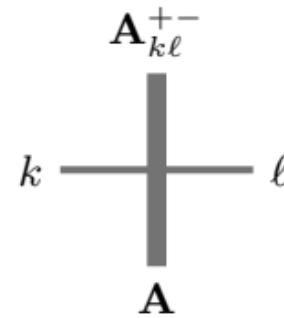
$$\frac{\alpha(1-q^{A_k}) q^{\mathbf{A}_{[k+1,n]}}}{1+\alpha}$$



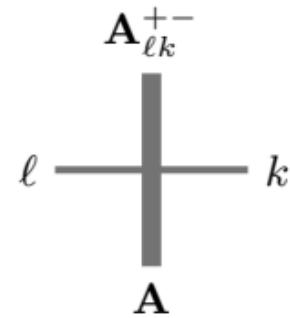
$$\frac{\alpha q^{\mathbf{A}_{[m+1,n]}}}{1+\alpha}$$



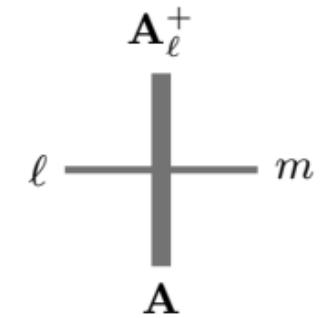
$$\frac{1}{1+\alpha}$$



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



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



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