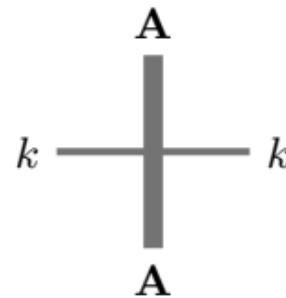
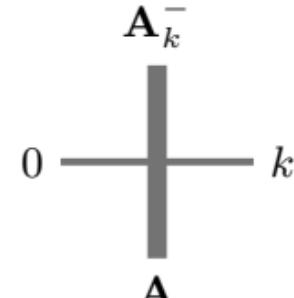


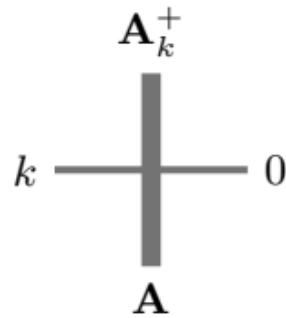
$$\frac{1 - sxq^{|\mathbf{A}|}}{1 - sx}$$



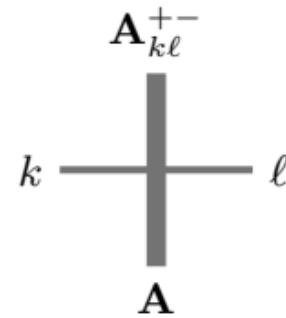
$$\frac{(-sx + s^2q^{A_k})q^{A_{[k+1,n]}}}{1 - sx}$$



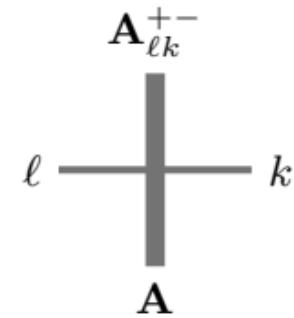
$$\frac{-sx(1 - q^{A_k})q^{A_{[k+1,n]}}}{1 - sx}$$



$$\frac{1 - s^2q^{|\mathbf{A}|}}{1 - sx}$$



$$\frac{-sx(1 - q^{A_\ell})q^{A_{[\ell+1,n]}}}{1 - sx}$$



$$\frac{-s^2(1 - q^{A_k})q^{A_{[k+1,n]}}}{1 - sx}$$