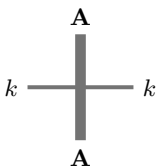
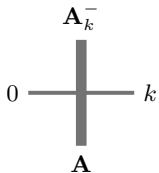


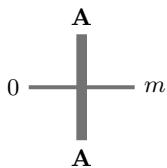
$$1$$



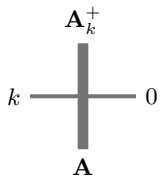
$$q^{A_{[k+1,n]}}$$



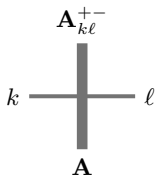
$$(1 - q^{A_k}) q^{A_{[k+1,n]}}$$



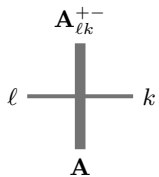
$$q^{A_{[m+1,n]}}$$



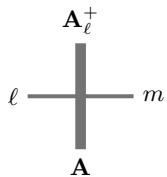
$$1$$



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



$$0$$



$$0$$