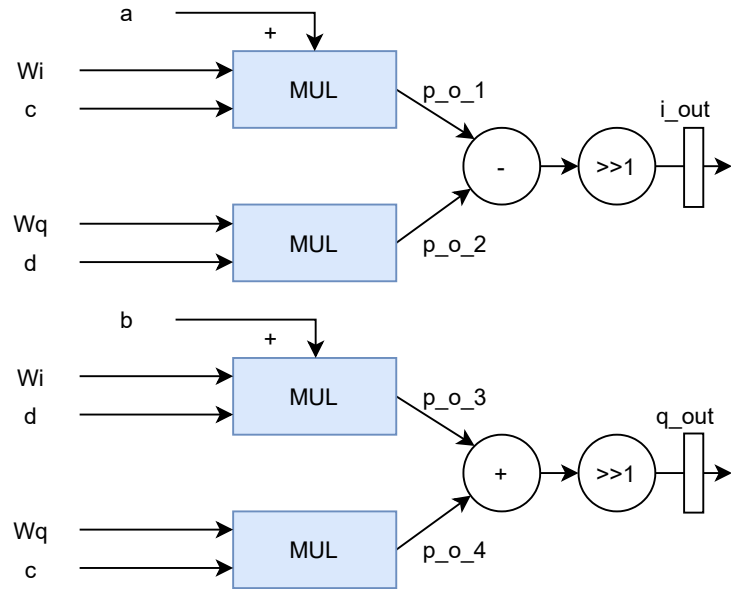
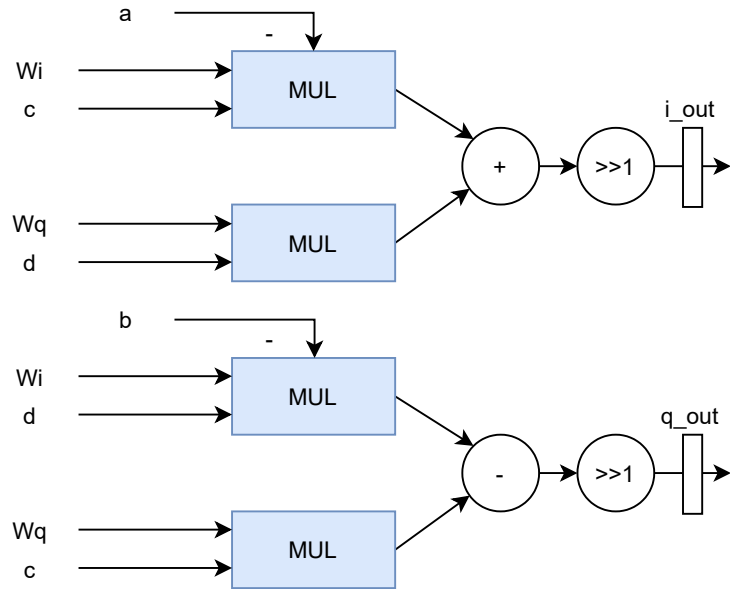


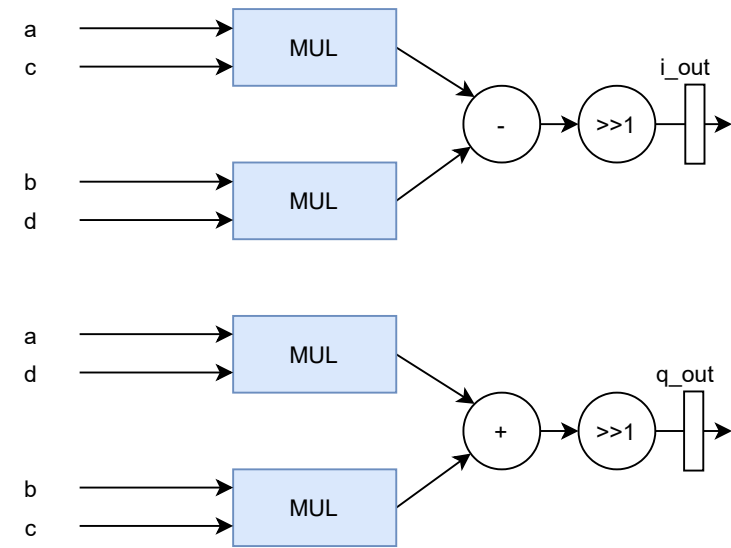
MULADD: $(a+jb) + (Wi+jWq)*(c+jd)$
 $= (a + Wi*c - Wq*d) + j(b + Wi*d + Wq*c)$



MULSUB: $(a+jb) - (Wi+jWq)*(c+jd)$
 $= (a - Wi*c + Wq*d) + j(b - Wi*d - Wq*c)$



MUL: $(a+jb) * (c+jd)$
 $= (a*c - b*d) + j(a*d + b*c)$



MAX: $(a+jb) * (a-jb) >? (c+jd) * (c-jd)$
 $= (a*a+b*b) > (c*c+d*d) ? (a*a+b*b) : (c*c+d*d)$

