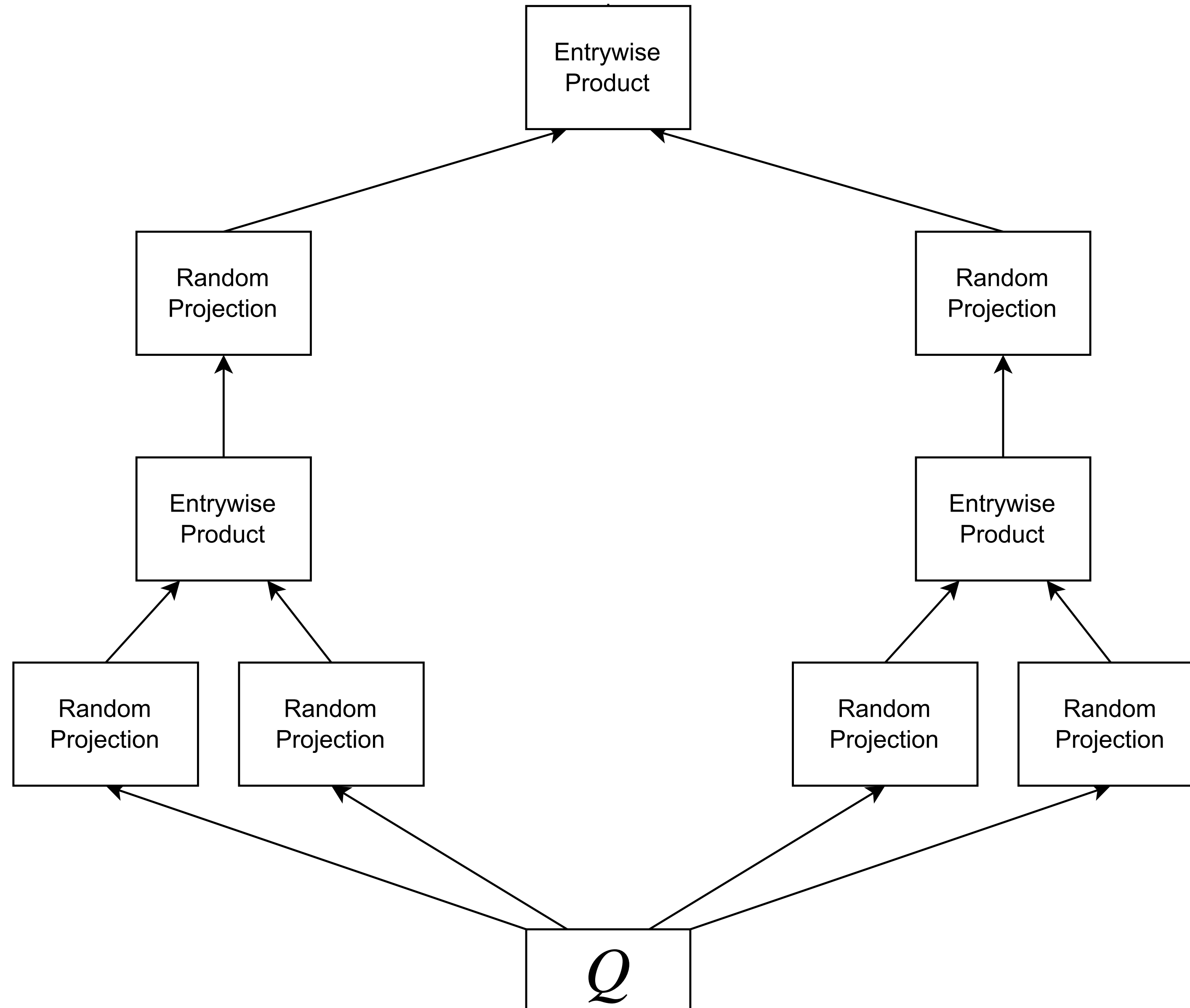


For $p = 4$

$$Q' = Q^{\otimes 4} \cdot S$$



Matrix Sketching