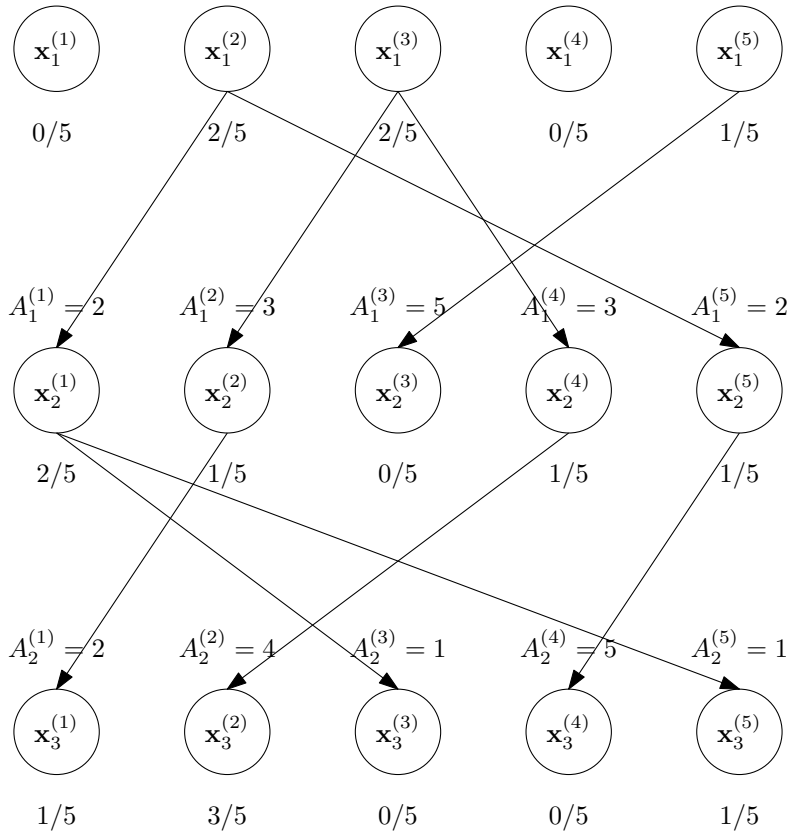


# Particle filter

Calculate lineage of the rest in similar way.



$$\mathbf{B}^{(1)} = (3, 2, 1)$$