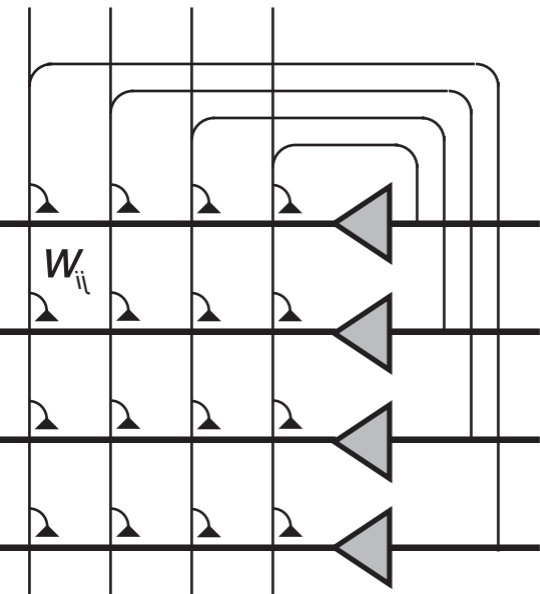


$r_i^{\text{in}}$  $r_j^{\text{out}}$