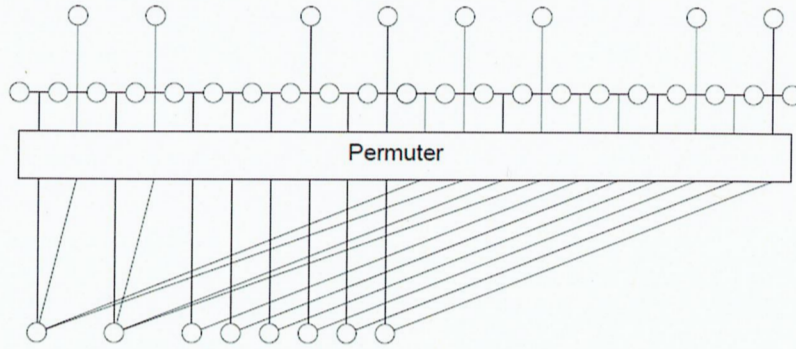


$qN \times qN$   
permutation  
matrix



Apple v. Caltech  
IPR2017-00728  
Apple 1260

Apple Ex. 1060 (IPR2017-00210);  
Apple Ex. 1260 (IPR2017-00219);  
Apple Ex. 1043 (IPR2017-00297);  
Apple Ex. 1060 (IPR2017-00700);  
Apple Ex. 1160 (IPR2017-00701);  
Apple Ex. 1260 (IPR2017-00728)  
Apple Inc. v. California Institute of Technology