$$egin{bmatrix} a_{00} & a_{01} & \dots & a_{0N} \ a_{10} & a_{11} & \dots & a_{1N} \ dots & dots & dots \ a_{N0} & a_{N1} & \dots & a_{NN} \ \end{bmatrix} egin{bmatrix} oldsymbol{u_0} \ oldsymbol{u_1} \ dots \ oldsymbol{u_N} \ \end{bmatrix} \ = egin{bmatrix} oldsymbol{w_0} \ oldsymbol{w_1} \ dots \ oldsymbol{v_N} \ \end{bmatrix}$$

 $w_N$ 

 $\lfloor a_{N0} 
floor$ 

 $a_{N1}$