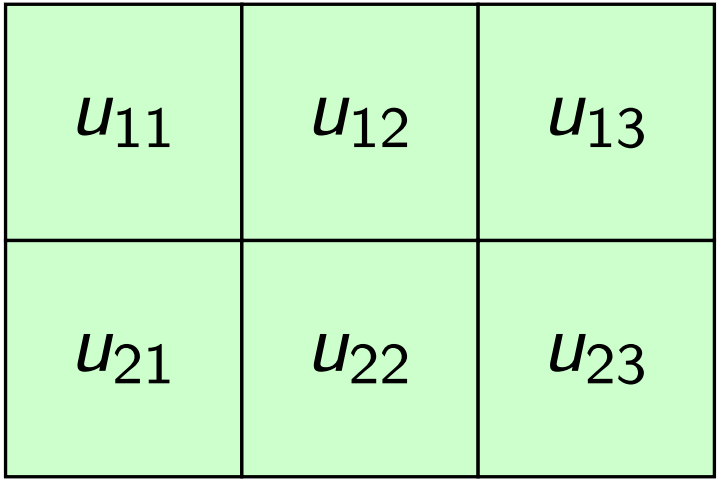
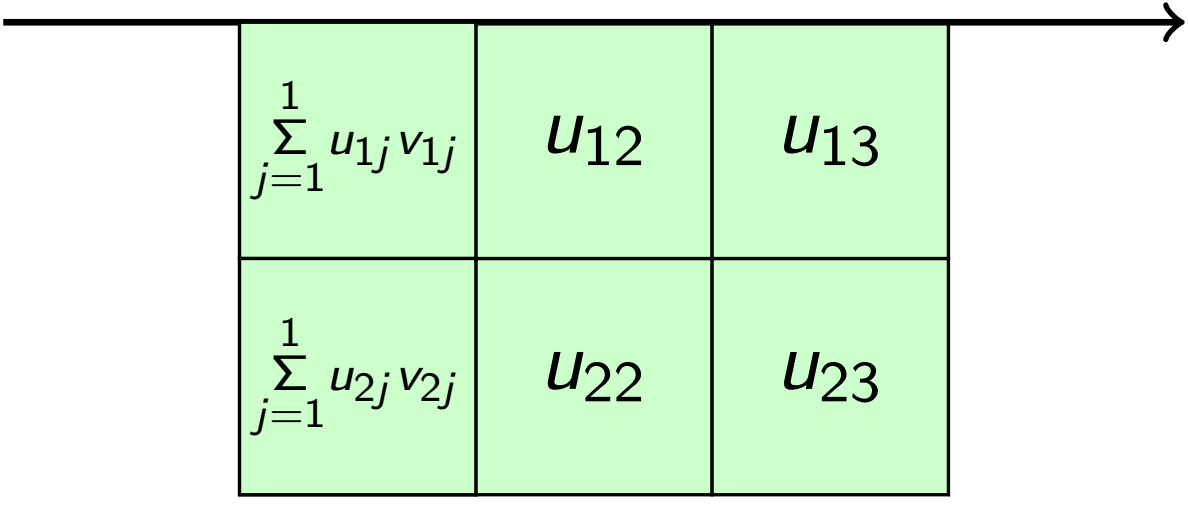
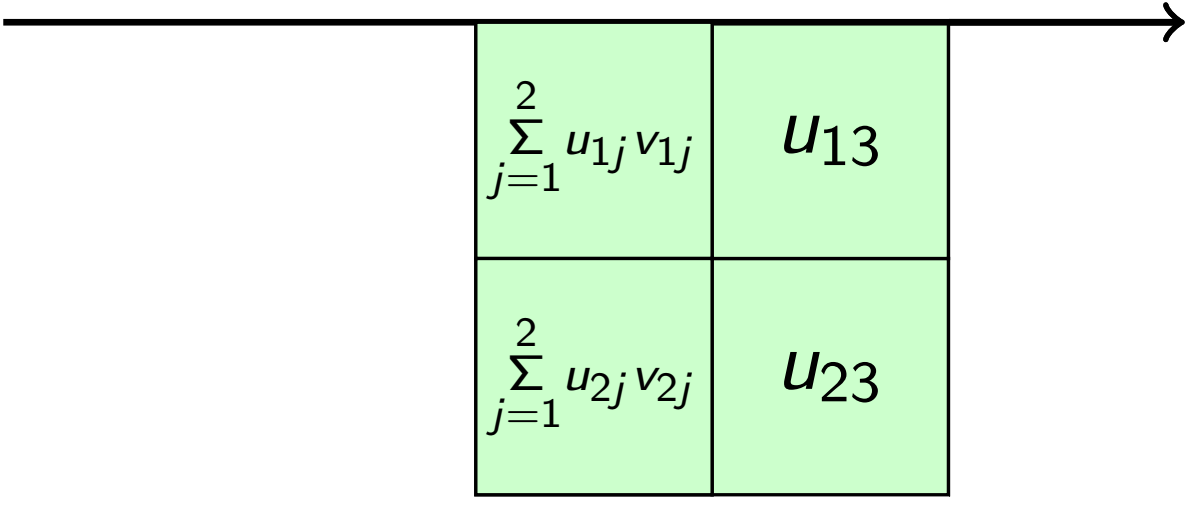
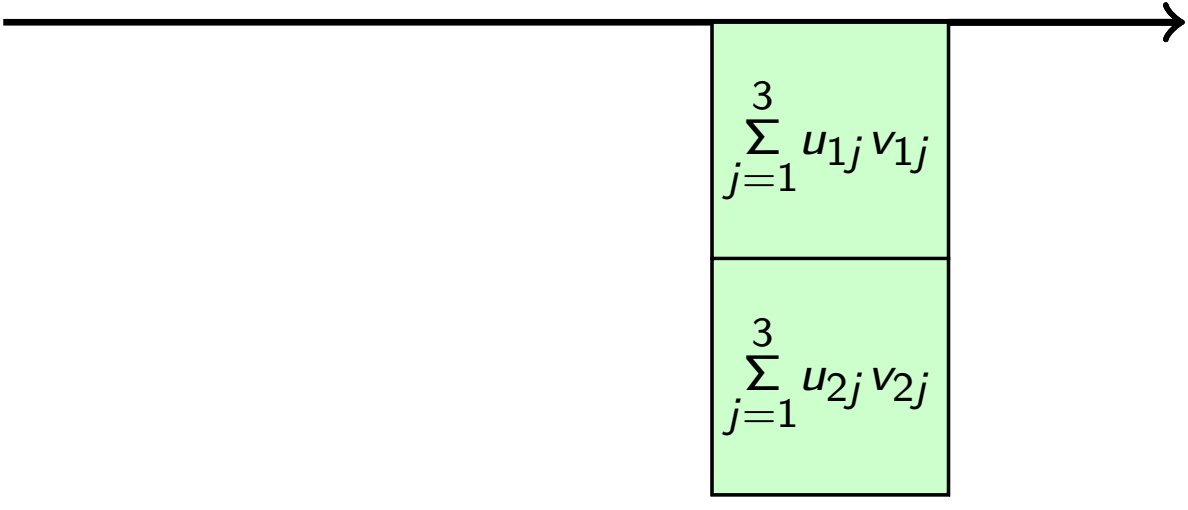

u_{11}
u_{12}
u_{13}
u_{21}
u_{22}
u_{23}


$\sum_{j=1}^{1} u_{1j} v_{1j}$
u_{12}
u_{13}
$\sum_{j=1}^{1} u_{2j} v_{2j}$
u_{22}
u_{23}


$\sum_{j=1}^{2} u_{1j} v_{1j}$
u_{13}
$\sum_{j=1}^{2} u_{2j} v_{2j}$
u_{23}


$\sum_{j=1}^{3} u_{1j} v_{1j}$
$\sum_{j=1}^{3} u_{2j} v_{2j}$