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

$\sum\limits_{j=1}^{1} u_{1j}$	u_{12}	u_{13}
$\sum\limits_{j=1}^{1} u_{2j}$	u_{22}	u_{23}

$\sum\limits_{j=1}^{2} u_{1j}$	u_{13}
$\sum\limits_{j=1}^{2} u_{2j}$	u_{23}

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

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