

$$\begin{array}{c} u_{31}^2 w_{21} & \sum_i u_{3i}^2 w_{2i} \\ u_{21}^2 w_{21} & \sum_i u_{2i}^2 w_{2i} \\ u_{11}^2 w_{21} & \sum_i u_{1i}^2 w_{2i} \end{array}$$

$$\sum_{i} u_{3i}^2 w_{2i}$$

$$\sum_{i} u_{2i}^2 w_{2i}$$

$$\sum_{i} u_{1i}^2 w_{2i}$$

