

$$l, k \in [1, m] :$$

$$F_{lk} = \begin{cases} \frac{Y_k^2}{2Ne_k} & l = k \\ 0 & l \neq k \end{cases}$$

$$G_{kl} = \begin{cases} 0 & l = k \\ M_{lk}Y_l & l \neq k \end{cases}$$

$$Y_l = x_F Ne_l$$