Secondo teorema di Laplace

$$\forall k \in \{1, \dots, m\} \setminus \{i\}, \quad a_1^i A_1^k + \dots + a_m^i A_m^k = 0$$

$$\forall k \in \{1, \dots, m\} \setminus \{j\}, \quad a_j^1 A_k^1 + \dots + a_j^m A_k^m = 0$$