

5 Equations a 5 inconnues x_1, x_2, x_3, x_5, x_6

$$(1) \rightarrow R_2 x_2 + (R_3 + R_4) x_3 + R_5 x_5 = U_A \quad (1')$$

$$(2) \rightarrow R_1 x_1 - R_2 x_2 = -U_0$$

$$(3) \rightarrow R_5 x_5 - R_6 x_6 = U_A$$

$$(4) \rightarrow R_1 x_1 - R_2 x_2 = -U_0$$

$$B: x_5 + x_6 - x_1 - x_2 = 0 \quad (5)$$

$$A: x_1 + x_2 - x_3 = 0 \quad (4)$$

des des nœuds

$$U_4 = R_4 x_3, U_5 = R_5 x_5, U_6 = R_6 x_6$$

$$\text{Avec: } U_1 = R_1 x_1, U_2 = R_2 x_2, U_3 = R_3 x_3$$

$$(III) U_6 - U_5 + U_4 = 0 \quad (3)$$

$$(II) U_0 + U_1 - U_2 = 0 \quad (2)$$

$$(I) U_3 + U_4 + U_5 + U_6 - U_A = 0 \quad (1)$$

Lois des mailles (I), (II), (III)

