

$$I = \left[\begin{array}{c} - \left(\left(- \left(R_{102} + R_{K2} \cdot (1+s \cdot R_{102} \cdot (C_{H2} + C_{K2} \cdot X)) \right) \cdot (R_{K2} + s \cdot L_{K2} \cdot (R_{12} \cdot (1+s \cdot 2 \cdot C_{T2} \cdot L_{K2} \cdot X + s \cdot L_{K2} \cdot X)) \cdot (R_{11} \cdot (1+s \cdot 2 \cdot C_{T1} \cdot L_{K1} \cdot X + s \cdot L_{K1} \cdot X)) \cdot R_{101} \cdot s \cdot L_{K1} - (R_{101} + R_{K1} \cdot (1+s \cdot R_{101} \cdot (C_{H1} + C_{K1} \cdot X)) \right) \cdot (R_{K1} + s \cdot L_{K1} \cdot (R_{11} \cdot (1+s \cdot 2 \cdot C_{T1} \cdot L_{K1} \cdot X + s \cdot L_{K1} \cdot X)) \right) \right) \end{array} \right]$$

$$B = \begin{bmatrix} 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ VI \end{bmatrix}$$

$$X = \begin{bmatrix} V(1) \\ V(2) \\ V(3) \\ V(4) \\ V(5) \\ V(6) \\ V(7) \\ V(8) \\ I(V1) \end{bmatrix}$$

$$V = \left[\begin{array}{c} s \cdot L_{K2} \cdot (1+s \cdot C_{T2} \cdot R_{12} \cdot X) \cdot \left(\left(- \left(R_{11} \cdot (1+s \cdot 2 \cdot C_{T1} \cdot L_{K1} \cdot X + s \cdot L_{K1} \cdot X) \right) \cdot R_{101} \cdot s \cdot L_{K1} + (R_{101} + R_{K1} \cdot (1+s \cdot R_{101} \cdot (C_{H1} + C_{K1} \cdot X)) \right) \cdot (R_{K1} + s \cdot L_{K1} \cdot (R_{11} \cdot (1+s \cdot 2 \cdot C_{T1} \cdot L_{K1} \cdot X + s \cdot L_{K1} \cdot X)) - R_{11} \cdot R_{K1} \right) \right) \right) \end{array} \right]$$

Alvaro

appVersion(4) = "1.73.9126.0"