# Guccione

# 1 "interface" component

This component has no equations.

# 2 "equations" component

**Q_calculation**

$$Q = \left( 2 * c2 * (E11 + E22 + E33) + c3 * (E11)^2 + c4 * \left( (E33)^2 + (E22)^2 + (E23)^2 * 2 \right) + 2 * c5 * \left( (E13)^2 + (E12)^2 \right) \right)$$

**Tdev11_calculation**
$$Tdev11 = 0.5 * c1 * e^Q * (2 * c2 + 2 * c3 * E11)$$

**Tdev22_calculation**
$$Tdev22 = 0.5 * c1 * e^Q * (2 * c2 + 2 * c4 * E22)$$

**Tdev33_calculation**
$$Tdev33 = 0.5 * c1 * e^Q * (2 * c2 + 2 * c4 * E33)$$

**Tdev12_calculation**
$$Tdev12 = 0.5 * c1 * e^Q * 2 * c5 * E12$$

**Tdev13_calculation**
$$Tdev13 = 0.5 * c1 * e^Q * 2 * c5 * E13$$

**Tdev23_calculation**
$$Tdev23 = 0.5 * c1 * e^Q * 2 * c5 * E23$$