

$$\begin{array}{l}
 \text{ProgA}(\text{InputA}) := \left[\begin{array}{l} \text{“.....”} \\ \left[\begin{array}{cc} \text{OutB1} & \text{OutB2} \\ \text{OutB3} & \text{OutB4} \end{array} \right] \leftarrow \text{ProgB}(\text{InputB}) \\ \text{“.....”} \\ \text{“several other matrices used”} \\ \text{“.....”} \\ \left[\begin{array}{cc} \text{OutA1} & \text{OutA2} \\ \text{OutA3} & \text{OutA4} \end{array} \right] \end{array} \right. \\
 \\
 \text{ProgB}(\text{InputB}) := \left[\begin{array}{l} \text{“.....”} \\ \left[\begin{array}{cc} \text{OutC1} & \text{OutC2} \\ \text{OutC3} & \text{OutC4} \end{array} \right] \leftarrow \text{ProgC}(\text{InputC}) \\ \text{“.....”} \\ \text{“several other matrices used”} \\ \text{“.....”} \\ \left[\begin{array}{cc} \text{OutB1} & \text{OutB2} \\ \text{OutB3} & \text{OutB4} \end{array} \right] \end{array} \right. \\
 \\
 \text{Result} \quad \left[\begin{array}{cc} \text{OutA1} & \text{OutA2} \\ \text{OutA3} & \text{OutA4} \end{array} \right] := \text{ProgA}(\text{InputA})
 \end{array}$$

Start of program module ProgA: Program fails with error code "This matrix is not indicated in the same pattern as the assigned matrix"

Error tracking leads via module ProgB to module ProgC, but identification of the affected matrix is not possible. Error occurrence depends (extremely sensitive) on the value of one variable in InputA.