

I have this matrix:

$$V_{TAP} := \begin{bmatrix} V_{2TAP@1} & I_{2@1} \\ V_{2TAP@2} & I_{2@2} \\ V_{2TAP@3} & I_{2@3} \end{bmatrix}$$

Two of these V2 values would be same or have small differences (TOL of say 100)

So the values could be

First Matrix

$$\begin{bmatrix} A & \alpha \\ (A+TOL) & \beta \\ B & \gamma \end{bmatrix}$$

2<sup>nd</sup> Matrix

$$\begin{bmatrix} A & \alpha \\ B & \gamma \\ (A+TOL) & \beta \end{bmatrix}$$

3<sup>rd</sup> Matrix

$$\begin{bmatrix} B & \gamma \\ (A+TOL) & \beta \\ A & \alpha \end{bmatrix}$$

If the first matrix is true I wish to create a new matrix:

$$\begin{bmatrix} A & \alpha \\ (A+TOL) & \beta \end{bmatrix}$$

If the second matrix is true then I also want to create

$$\begin{bmatrix} A & \alpha \\ (A+TOL) & \beta \end{bmatrix}$$

If the third matrix is true then I also want to create

$$\begin{bmatrix} (A+TOL) & \beta \\ A & \alpha \end{bmatrix}$$