Problem 20.1 C5.3 #8-Induction to Livear Algebra)

Suppose

$$A = \begin{bmatrix} 1 & 1 & 4 \\ 1 & 2 & 2 \\ 1 & 2 & 5 \end{bmatrix}$$

Find its colarbor matrix G and multiply ACT to find det (A)

$$C^{\mathsf{T}} = \begin{bmatrix} 6 & -3 & -6 \\ -3 & 1 & 2 \end{bmatrix}$$

Description ACT = det (A) I, we have det (A) = 3 I

If 4 is changed to 100, det (A) is unchanged because the whacher of that entry 0, and thus its value does not continue to the determinant.