



A

$$\begin{aligned}\tilde{d}_{12} &= (1, 0) = (x_1, x_2) \\ \tilde{d}_{13} &= (1, 1) = (x_3, x_4) \\ \\ \tilde{d}_{23} &= (0, -1) = (x_5, x_6) \\ \tilde{d}_{24} &= (-1, 0) = (x_7, x_8) \\ \\ \tilde{d}_{34} &= (-1, -1) = (x_9, x_{10})\end{aligned}$$

B

$$\begin{cases} \tilde{d}_{12} + R_2(2)\tilde{d}_{23} + R_2(2)\tilde{d}_{13} = 0 \\ \tilde{d}_{24} + R_2(3)\tilde{d}_{34} + R_2(2)\tilde{d}_{23} = 0 \end{cases}$$

C

$$\begin{cases} x_1 - x_5 - x_3 = 0 \\ x_2 - x_6 - x_4 = 0 \\ x_7 - x_{10} - x_5 = 0 \\ x_8 - x_9 - x_6 = 0 \end{cases}$$

D

$$\begin{cases} \tilde{d}_{12} + R_2(2)\tilde{d}_{23} + R_2(2)\tilde{d}_{13} = 0 \\ R_2(2)(\tilde{d}_{24} + R_2(3)\tilde{d}_{34} + R_2(2)\tilde{d}_{23}) = 0 \end{cases}$$

E

$$\begin{cases} x_1 - x_5 - x_3 = 0 \\ x_2 - x_6 - x_4 = 0 \\ -x_7 + x_{10} + x_5 = 0 \\ -x_8 + x_9 + x_6 = 0 \end{cases}$$