

$$\begin{cases} (N + 23)x_1 - 4x_2 + 17x_3 + (11 - N)x_4 = 2 \\ (N + 3)x_1 + (45 - N)x_2 + 3,75x_3 + (N - 3)x_4 = 4 - N \\ -4x_1 - 12,5x_2 + (60 - N)x_3 + (2N - 5)x_4 = 3 + 3N \\ 11x_1 + (-8 + 1,5N)x_2 + (4 + N)x_3 + 45x_4 = N - 23 \end{cases}$$