Quyidagi chiziqli tenglamalar sistemalarining yechimlarini yagonalikka tekshiring va ushbu yechimlarni Gauss va Kramer usullari yordamida toping:

1. $\begin{cases} 7x-2y+4z=13 \\ 2x+2y-z=2 \\ 3x-y+z=0 \end{cases}$.

2. $\begin{cases} x-3z+4t=-4 \\ 2x+y+10z-15t=10 \\ 2y+3z-6t=7 \\ 3x+4y-z+2t=4 \end{cases}$.

3. $\begin{cases} 2x-y+5t=6 \\ 3x+2y-z=3 \\ -x+2y+4z+t=10 \\ -y-z+3t=0 \end{cases}$.

4. $\begin{cases} 4x+4y-5z=-2 \\ 3x+2y+z=7 \\ x-y+10z=20 \end{cases}$.

5. $\begin{cases} 2x+3y-4z+5t=3 \\ -y-t=-1 \\ x-3z+8t=-1 \\ x+2y-4z+3t=0 \end{cases}$.

6. $\begin{cases} x_1-x_2+2x_3-3x_4=4 \\ -x_1+2x_2-x_3+4x_4=1 \\ 2x_1+x_2-2x_3+4x_4=1 \\ x_1+x_2+x_3+x_4=7 \end{cases}$.

7. $\begin{cases} x+2y-2z=5 \\ 4x-y+10z=11 \\ 5x+3y-5z=9 \end{cases}$

8. $\begin{cases} 2x-y+5t=6 \\ 3x+2y-z=3 \\ -x+2y+4z+t=10 \\ -y-z+3t=0 \end{cases}$.

9. $\begin{cases} 2x+3y-4z+5t=3 \\ -y-t=-1 \\ x-3z+8t=-1 \\ x+2y-4z+3t=0 \end{cases}$.

10. $\begin{cases} x+y=1 \\ y+z=4. \\ x+z=6 \end{cases}$

11. $\begin{cases} x-z=-2 \\ 2x-y-z=4. \\ y-z=-6 \end{cases}$

12. $\begin{cases} x-2y+z+3t=-6 \\ -10z+2t=-2 \\ 2x+2y-5z-2t=8 \\ x+y-z=3 \end{cases}$.

13. $\begin{cases} x-y+z=0 \\ 2x+y-2z=-1. \\ 2x-y+z=0 \end{cases}$

14. $\begin{cases} x-y-z=1 \\ 2x+2y-z=2. \\ -y+4z=0 \end{cases}$

15. $\begin{cases} x+y+z=1 \\ 2x-2y+3z=3. \\ 4x-y=0 \end{cases}$

16. $\begin{cases} 12x_1+13x_2-10x_3-11x_4=6 \\ 10x_1-5x_2+7x_3-3x_4=1 \\ 11x_1-5x_2+10x_3-5x_4=1 \\ 7x_1+x_2-6x_3+2x_4=7 \end{cases}$.

17. $\begin{cases} x-2y+5z=20 \\ 3x+4y+4z=-13. \\ x+2y+z=-8 \end{cases}$

18. $\begin{cases} 3x-2y+z=2 \\ 4x+y+5z=10. \\ -x+10y-z=8 \end{cases}$

19. $\begin{cases} x-2y+3z=-2 \\ -4x+5y+6z=-10. \\ x-y+z=0 \end{cases}$

20. $\begin{cases} x-y+z=1 \\ x+2y-z=2. \\ 2x+z=0 \end{cases}$

21. $\begin{cases} 8x-7y+10z-18t=17 \\ 3x+4y+9z-10t=7 \\ 2x-5y+7z-10t=11 \\ 9x+8y+4z-7t=2 \end{cases}$.

22. $\begin{cases} 3x-y+2z=4 \\ 2x+3y-4z=3. \\ -x+2y-2z=1 \end{cases}$

23. $\begin{cases} x+2y-4z=-9 \\ -x-3y+6z=13. \\ 2x+5y-z=-4 \end{cases}$

24. $\begin{cases} x-3z+4t=-4 \\ 2x+y+10z-15t=10 \\ 2y+3z-6t=7 \\ 3x+4y-z+2t=4 \end{cases}$.

25. $\begin{cases} x+y+z=1 \\ 2x-2y+3z=3. \\ 4x-y=0 \end{cases}$