

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

S.C.D. (1,-2,3)

$$2) \begin{cases} 3x-4y+2z=1 \\ -2x-3y+z=2 \\ 5x-y+z=5 \end{cases}$$

S.I.

$$3) \begin{cases} x+y+w=6 \\ x+z-w=-3 \\ y+z+w=4 \\ x-y+z=-2 \end{cases}$$

S.C.D. (1,2,-1,3)

$$4) \begin{cases} x-2y=-3 \\ -2x+3y+z=4 \\ 2x+y-5z=4 \end{cases}$$

S.C.I. (1+2λ, 2+λ, λ)

$$5) \begin{cases} x+3y-z=-5 \\ 2x-y+5z=7 \\ x+10y-8z=9 \end{cases}$$

S.I.

$$6) \begin{cases} x+3y+4z=1 \\ 2x+2y=4 \\ 2x+4y+4z=3 \end{cases}$$

S.C.I. (5+4λ, -1-4λ, 2λ)

$$7) \begin{cases} x+y+z=6 \\ x-y-z=-4 \\ 3x+y+z=8 \end{cases}$$

S.C.I. (1, 5-λ, λ)

$$8) \begin{cases} 4x-y+z=4 \\ x-y+4z=1 \\ 2x+y-7z=3 \end{cases}$$

S.I.

$$9) \begin{cases} 4x-y+5z=-25 \\ 7x+5y-z=17 \\ 3x-y+z=-21 \end{cases}$$

S.C.D. (-4, 9, 0)

$$10) \begin{cases} -x+2y-3z=-2 \\ -x+8y-27z=0 \\ x-y-z=1 \end{cases}$$

S.I.

$$11) \begin{cases} 2x-y+3z=3 \\ x+z=1 \\ 4x-y+5z=5 \end{cases}$$

S.C.I. (1-λ, λ-1, λ)

$$12) \begin{cases} x-2y+3z+4w=-16 \\ 2x-y+z-w=9 \\ x-y+3z+2w=-7 \\ 3x-y+2z-3w=19 \end{cases}$$

S.C.D. (5, 3, -1, -3)

$$13) \begin{cases} x+y-3z+w=0 \\ x-y+z+w=2 \\ x+2y-5z-w=-3 \\ x-2y+3z-9w=-7 \end{cases}$$

S.C.I. (λ, 2-λ, λ, 1)

$$14) \begin{cases} 2x-5y+3z=0 \\ -x+y-z=0 \\ 2x-y=0 \end{cases}$$

S.C.D. (0, 0, 0)

$$15) \begin{cases} 2x+5y=16 \\ x+3y-2z=-2 \\ x+z=4 \end{cases}$$

S.C.D. (-2, 4, 6)

$$16) \begin{cases} x-y+z=0 \\ 2x-y-z=5 \\ x+2y+z=-3 \end{cases}$$

S.C.D. (1, -1, -2)

$$17) \begin{cases} x+2y+z=9 \\ x-y-z=-10 \\ 2x-y+z=5 \end{cases}$$

S.C.D. (-1, 1, 8)

$$18) \begin{cases} 3x+2y+z=1 \\ 5x+3y+3z=2 \\ x+y-z=1 \end{cases}$$

S.I.

$$19) \begin{cases} x+z=4 \\ -x+2y+z=6 \\ y+z=-3 \end{cases}$$

S.I.

$$20) \begin{cases} x-y+2z=-4 \\ 3x-5y+8z=-14 \\ x+3y-2z=0 \end{cases}$$

S.C.I. (-3-λ, 1+λ, λ)

$$21) \begin{cases} x+2y+z=3 \\ 3x+8y-7z=-1 \\ x+3y-4z=-3 \end{cases}$$

S.I.

$$22) \begin{cases} x-3y+7z=10 \\ 5x-y+z=8 \\ x+4y-10z=-11 \end{cases}$$

S.C.I. (1+2λ, -3+17λ, 7λ)

$$23) \begin{cases} x-3y-2z=7 \\ 2x-y+15z=3 \\ x-8y-21z=11 \end{cases}$$

S.I.

$$24) \begin{cases} 3x-2y+z=2 \\ 2x+5y-3z=15 \\ 11x-y=21 \end{cases}$$

S.C.I. (40+λ, 41+11λ, 19λ)

$$25) \begin{cases} -x-3y+2z=4 \\ 2x+y-3z=0 \\ -3x+y+6z=2 \end{cases}$$

S.C.D. (5, -1, 3)

$$26) \begin{cases} 3x-2y+4z=0 \\ -x+5y-z=0 \\ x+8y+2z=0 \end{cases}$$

S.C.I. (18λ, -λ, 13λ)

$$27) \begin{cases} 5x+3y+2z=-2 \\ x+y=2 \\ 2x-y+z=3 \end{cases}$$

S.C.D. (-13, 19, 3)

$$28) \begin{cases} 2x+3y-7z=-1 \\ 3x+4y-6z=5 \\ 5x+7y-13z=4 \end{cases}$$

S.C.I. (19-10λ, 9λ-13, λ)

$$29) \begin{cases} 2x+3y-7z=-1 \\ 3x+4y-6z=5 \\ 5x+7y-13z=10 \end{cases}$$

S.I.

$$30) \begin{cases} x-5y-3z=7 \\ 2x-y+z=11 \\ 4x+3y-4z=3 \end{cases}$$

$$31) \begin{cases} x-3y+6z=21 \\ 3x+2y-5z=-30 \\ 2x-5y+2z=-6 \end{cases}$$

S.C.D. (-3, 2, 5)

$$32) \begin{cases} x-6y-2z=-8 \\ -x+5y+3z=2 \\ 3x-2y-4z=18 \end{cases}$$

S.C.D. (4, 3, -3)

$$33) \begin{cases} 3x-2y+z=9 \\ x+2y-2z=-5 \\ x+y-4z=-2 \end{cases}$$

S.C.D. (1, 3, 0)

$$34) \begin{cases} x+2y+3z=17 \\ -4x+2y-z=-4 \\ 3x-6y-8z=-67 \end{cases}$$

S.C.D. (-85/19, -105/19, 206/19)

$$35) \begin{cases} 4x+3y-2z=8 \\ 4x+3y+2z=24 \\ 4x+3y+z=-20 \end{cases}$$

S.I.

$$36) \begin{cases} -x+y-z=-2 \\ x-y+2z=4 \\ x+z+t=3 \\ x+2z+t=1 \end{cases}$$

S.I.

$$37) \begin{cases} 2x-2y-z=7 \\ 4x-4y+2z=17 \\ 3x+2y-6z=-2 \end{cases}$$

S.C.D. (41/20, -73/40, 3/4)

$$38) \begin{cases} x+y+z=515 \\ x+3y-4z=0 \\ -9x+8y=0 \end{cases}$$

S.C.D. (160, 180, 175)

$$39) \begin{cases} 6x+3y-2z=2 \\ -7x+5y+3z=22 \\ x+2y-5z=-24 \end{cases}$$

S.C.D. (69/6, 146/61, 365/61)

$$40) \begin{cases} 3x+5y-7z=-1 \\ -2x+7y-3z=-2 \\ x-y-z=-1 \end{cases}$$

S.C.D. (12/5, 13/10, 21/10)

$$41) \begin{cases} 5x+3y-2z=0 \\ 9x+3y+10z=0 \\ 7x-9y+3z=0 \end{cases}$$

S.C.D. (0, 0, 0)

$$42) \begin{cases} -3x+y-z=-4 \\ 5x-2y+z=6 \\ -x+y+3z=0 \end{cases}$$

S.C.D. (2, 2, 0)

$$43) \begin{cases} 4x+y-2z=-3 \\ 3x-y+4z=-2 \\ -x+y+z=5 \end{cases}$$

S.C.D. (-1, 3, 1)

$$44) \begin{cases} x+y+z=110 \\ 4x+5y+6z=540 \\ 12x-10y-10z=0 \end{cases}$$

S.C.D. (50, 20, 40)

$$44) \begin{cases} 2x+y+2z=150 \\ 2x+4y+4z=350 \\ 6x+5y+4z=500 \end{cases}$$

S.C.D. (25, 50, 25)

$$46) \begin{cases} -x-y+3z=0 \\ x-3=y+1 \\ y+1=z+2 \end{cases}$$

S.C.D. (11, 7, 6)

$$47) \begin{cases} x-y-z=6 \\ -x+3y-z=12 \\ -x-y+7z=24 \end{cases}$$

S.C.D. (34, 16, 12)

$$48) \begin{cases} x+2y+z=4 \\ 2x-3y+4z=6 \\ 3x-y+5z=1 \\ 2x-3y+4z=-3 \end{cases}$$

S.I.