$$C_{1}\begin{bmatrix} 1 & Y \\ Y & F \end{bmatrix} + C_{1}\begin{bmatrix} 0 & Y \\ V & A \end{bmatrix} + C_{1}\begin{bmatrix} 1 \\ 1 & 1 \end{bmatrix} = 0$$

$$C_{1} + \alpha C_{1} + C_{2} = 0$$

$$Y_{1} + Y_{2} + C_{2} = 0$$

$$Y_{2} + Y_{3} + C_{4} = 0$$

$$Y_{3} + C_{4} + C_{5} + C_{5} = 0$$

$$Y_{4} + C_{5} + C_{5} = 0$$

$$Y_{5} + C_{5} + C_{5} = 0$$