Handout 3 : Brady Bunch

1. Find D: $\begin{vmatrix} 4 & 6 & -2 \\ 0 & -1 & 5 \\ -3 & 2 & 1 \end{vmatrix}$

2. Express these as a matrix: $3x - 2y + 5z = 6$, $2x+y-4z = 8$, $-x+4y+6z = 9$.

3. Create coefficient matrix from Question 2.

4. Solve Question 3 for D.

5. Find D_x with Question 2's equations.

6. Solve Question 2's equations for x.

7. Find D_y with Question 2's equations.

8. Solve Question 2's equations for y.

9. Find D_z with Question 2's equations.

10. Solve Question 2's equations for z.