Solution: Agrigmment-5

 $wd Y_3 - 3Y_3' = Y_3 - m_{32}Y_2 = (0 - 0.5 1.5 2.5) + \frac{1}{3}(0 1.5 1.5 - 0.5)$ = (0 0 2 7/3)

Therefore, he find,
$$U = \begin{pmatrix} 2 & 1 & -1 \\ 0 & 15 & 15 \\ 0 & 0 & 2 \end{pmatrix}$$
 and $b = \begin{pmatrix} -0.5 \\ -0.5 \\ -1.5 \end{pmatrix}$.

Non wing $Ux = b'$, use find by back substitution method.

 $27 = 7/3$ $\Rightarrow \boxed{7 = 7/6}$ $\downarrow 1$
 $159 + 1.57 = -0.5 \Rightarrow y = \frac{-0.5 - 1.5}{1.5}$ $\downarrow 15 = -\frac{3}{2} = -1.5$ $\downarrow 15$

Also: $\boxed{-0.5} = 1$ $\Rightarrow \boxed{-0.5} = 1.5$ $\Rightarrow \boxed{-0$

(Same as #2 above)