Math 31A Extra Credit 2 (due Monday, 2 November 2009)
2. Give a geometrical proof that the system of equations:

$$
\begin{array}{r}
x+2 y+3 z=1 \\
-x+y=2 \\
x+z=2
\end{array}
$$

has no solutions.
Hint: You might find it useful to use the cross product.

