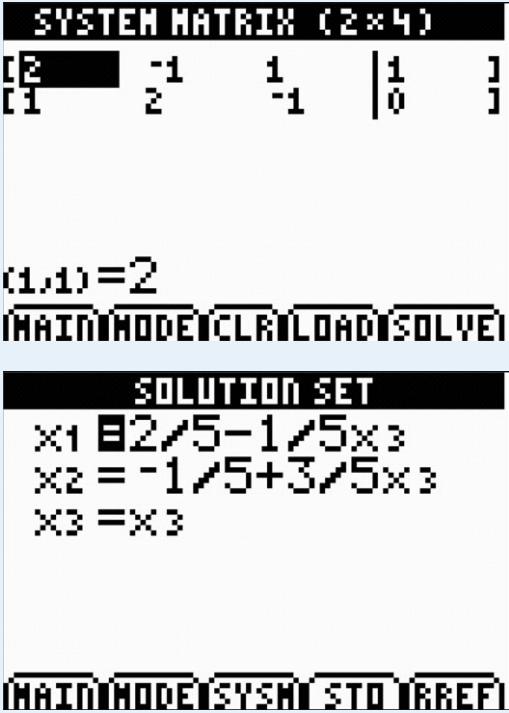


Page 608 Example 47

Finding the intersection of two planes

TI-84 Plus	Casio fx-9860GII
 <p>SYSTEM MATRIX (2x4)</p> $\begin{bmatrix} 2 & -1 & 1 & & 1 \\ 1 & 2 & -1 & & 0 \end{bmatrix}$ <p>(1,1)=2</p> <p>MAIN MODE CLR LOAD SOLVE</p> <p>SOLUTION SET</p> $\begin{aligned} x_1 &= 2/5 - 1/5 x_3 \\ x_2 &= -1/5 + 3/5 x_3 \\ x_3 &= x_3 \end{aligned}$ <p>MAIN MODE SYS M STO R REF</p>	<p>It is not possible to solve two equations with three unknowns using the Casio.</p>