

Page 612 Example 50

Finding that three planes do not intersect

TI-84 Plus	Casio fx-9860GII																																						
<div>SYSTEM MATRIX (3×4)</div> <div><table><tr><td>[3</td><td>2</td><td>1</td><td> </td><td>1</td><td>]</td></tr><tr><td>[1</td><td>1</td><td>-1</td><td> </td><td>3</td><td>]</td></tr><tr><td>[5</td><td>3</td><td>3</td><td> </td><td>2</td><td>]</td></tr></table></div> <div>(3,4)=2</div> <div>MAINMODECLRLOADSOLVE</div> <div>SOLUTION</div> <div>NO SOLUTION FOUND</div> <div>MAINMODESYSMMREF</div>	[3	2	1		1]	[1	1	-1		3]	[5	3	3		2]	<div>$a_nX+b_nY+C_nZ=d_n$</div> <div><table><tr><th></th><th>a</th><th>b</th><th>c</th><th>d</th></tr><tr><td>1</td><td>3</td><td>2</td><td>1</td><td>1</td></tr><tr><td>2</td><td>1</td><td>1</td><td>-1</td><td>3</td></tr><tr><td>3</td><td>5</td><td>3</td><td>3</td><td>2</td></tr></table></div> <div>2</div> <div>SOLVDELCLREEDIT</div> <div>$a_nX+b_nY+C_nZ=d_n$</div> <div>Ma ERROR</div> <div>Press:[EXIT]</div> <div>2</div> <div>SOLVDELCLREEDIT</div>		a	b	c	d	1	3	2	1	1	2	1	1	-1	3	3	5	3	3	2
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