LA - 1.2 - Matrices Graphs/Images

Systems of 2 Linear Equations

One Solution

No Solution

Infinite Solutions

Systems of 3 Linear Equations

(x, y, z)

One Solution

(x, y, z) (x, y, z)

Two Solutions

No Solution

Infinite Solutions

One Plane

$(2, 3, 4)$

$(2, -1, 1)$

$x = 2$

@ = Perpendicular Axis to Plane

2 Planes

Parallel Planes

Intersecting Planes

No Solution

Infinite Solutions

3 Planes

No Solution

Infinite Solutions

One Solution

No Solutions*

No Solutions*