

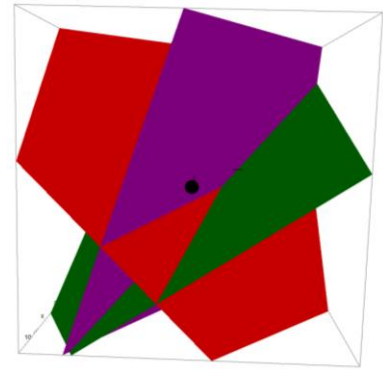
6F Part 2 Intersecting Planes

Non-Singular = one solution

$$x + y + z = 2$$

$$2x + 3y - z = 13$$

$$x - 2y + 3z = -11$$

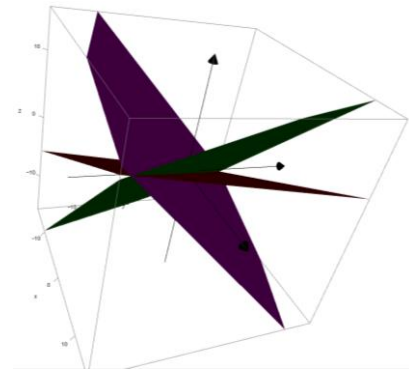


Singular: sheaf

$$3x - y - 6z = 1$$

$$x + 3y + 3z = 2$$

$$-3x - y + 3z = -2$$

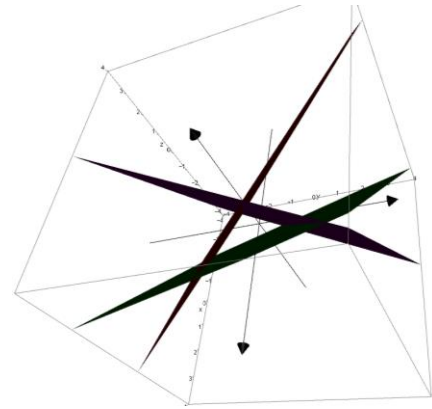


Singular: prism

$$3x + 6y - 6z = -6$$

$$-6x + 3y + 3z = 2$$

$$-3x - y + 3z = -2$$



Singular: parallel planes

$$x + y + z = 8$$

$$2x + 2y + 2z = 14$$

$$3x - y - z = 10$$

