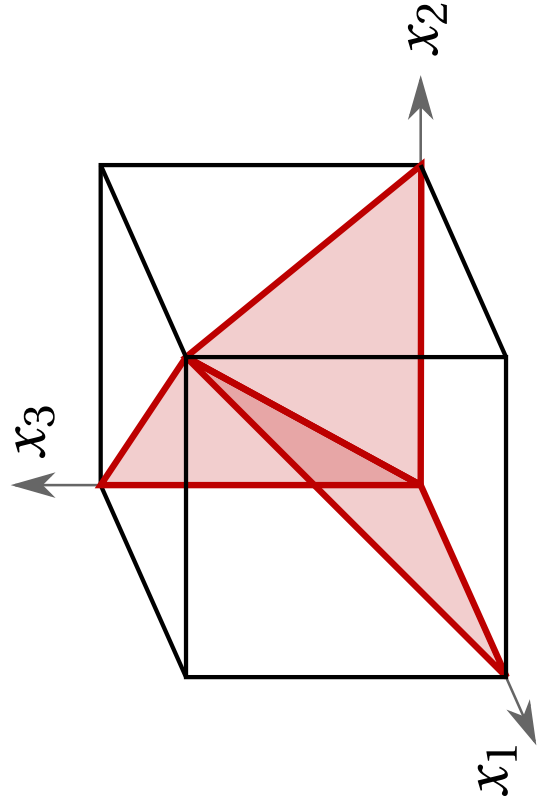


“If jobs 1 and 2 run at the same time,
then job 3 has to run first.”

$$x_1 = x_2 \Rightarrow x_3 < x_1$$



“If two jobs runs simultaneously,
the third job has to run first.”

$$(x_1 = x_2 \Rightarrow x_3 < x_1)$$

$$\wedge (x_1 = x_3 \Rightarrow x_2 < x_1)$$

$$\wedge (x_2 = x_3 \Rightarrow x_1 < x_2)$$