Spoken Tutorial, IIT Bombay https://spoken-tutorial.org

Scilab - FOSSEE Optimisation Toolbox Linear Programming using fot\_linprog function- Assignment

Solve the same example that we executed

 $\min_x - x_1 - 0.33x_2$ 

subjected to:

$$\begin{array}{c} x_1+x_2 \leq 2, \\ -0.25x_1-x_2 \leq 1, \\ -x_1-x_2 \leq -1, \\ -x_1+x_2 \leq 2, \\ x_1+0.25x_2=0.5, \\ -1 \leq x_1 \leq 1.5, -0.5 \leq x_2 \leq 1.25 \end{array}$$

with this additional constraint.

 $x_2 - 3x_1 \leq 0$ 

◆□▶ ◆□▶ ◆三▶ ◆三▶ ○○○