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:

$$x_1 + x_2 \leq 2,$$
$$-0.25x_1 - x_2 \leq 1,$$
$$-x_1 - x_2 \leq -1,$$
$$-x_1 + x_2 \leq 2,$$
$$x_1 + 0.25x_2 = 0.5,$$
$$-1 \leq x_1 \leq 1.5, \, -0.5 \leq x_2 \leq 1.25$$

with this additional constraint.

$$x_2 - 3x_1 \leq 0$$