

Spoken Tutorial, IIT Bombay

<https://spoken-tutorial.org>

Scilab - FOSSEE Optimisation Toolbox

Unconstrained Optimization using FOT- Assignment

What will be the solution of the following example:

$$f(x_1, x_2) = 0.6382 \times x_1^2 + 0.3191 \times x_2^2 - 0.2809 \times x_1 \times x_2 - 67.906 \times x_1 - 14.29 \times x_2$$

subjected to

$$x_2 \in \mathbb{Z}$$

$$x_0 = [-1, 2]$$