Scilab - FOSSEE Optimisation Toolbox
Unconstrained Optimization using FOT- Assignment

What will be the solution of the following example:

$$f(x1, x2) = 0.6382 \times x_1^2 + 0.3191 \times x_2^2 -$$
$$0.2809 \times x_1 \times x_2 - 67.906 \times x_1 - 14.29 \times x_2$$

subjected to

$$x_2 \in \mathbb{Z}$$
$$x_0 = [-1, 2]$$