

Project 4^a

Solve by Wolfe's method. Also, write the Matlab codes:

$$\text{Min } (x_1 - 1)^2 + x_2 - 2$$

$$\text{s.t. } x_1 + x_2 \leq 2$$

$$2x_1 + 3x_2 \leq 12$$

$$\left(\frac{1}{2}, \frac{3}{2}\right)$$