





















Solution. The global minimum is located at  $\hat{x} = (5.3714, 5.3714, \dots, 5.3714)^t$ , and  $\hat{y} = (5, 5, \dots, 5)^t$ , and a value of  $f(\hat{x}, \hat{y}) = -1.2159n - 1.1495m$ .

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