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Lecture

Lecture questions due Sep 27, 2016 at 19:30 IST

**Recitation****Problem Set 3**

Homework 3 due Sep 27, 2016 at 19:30 IST



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OR Exercise

(1/1 point)

Consider the binary decision variables x_1, x_2 . Which of the following is logically equivalent to the statement " $x_1 = 0$ or $x_2 = 1$ but not both"?

☒ $x_1 = x_2$. ✓☐ $x_1 + x_2 \geq 1$.☐ $x_1 + x_2 \leq 1$.☐ $x_1 - x_2 \leq 0$.

EXPLANATION

Solution

The correct answer is: $x_1 = x_2$. The only feasible solutions for this constraint and the constraint " $x_1 = 0$ or $x_2 = 1$ " are $x_1 = x_2 = 0$ and $x_1 = x_2 = 1$.

You have used 1 of 2 submissions

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