Assignment 8

Due on 2020-10-28, 23:59 AM.

1. Suppose \( X \) and \( Y \) are independent random variables with \( X \sim N(0,1) \) and \( Y \sim N(1,1) \). Find the value of \( \beta \) in the normal distribution with mean 0 and variance 1.

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8. Suppose \( X \) and \( Y \) are independent random variables with \( X \sim N(0,1) \) and \( Y \sim N(1,1) \). Find the value of \( \beta \) in the normal distribution with mean 0 and variance 1.