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Applications of Integral Transformations - Quiz

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Question 1

1 point possible (graded)

True or False: You cannot generate a discrete random variable from a continuous random variable, since the inverse is not well defined.

☒ True ❌

☐ False ✅


Explanation

The inverse needs to exist for you to apply the integral transformation method. However, there are other ways of generating distributions. For example, to generate a random variable that follows a binomial distribution from a uniform random variable you could define an event to be successful if your draw is above a certain threshold. If your uniform random variable is distributed on the unit interval, then your probability of success is immediately given by your choice of threshold.


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You have used 1 of 1 attempts


**Joint, Marginal, and
Conditional Distributions**

Finger Exercises due Oct 24, 2016
at 05:00 IST 

**Functions of Random
Variables**

Finger Exercises due Oct 24, 2016
at 05:00 IST 

Module 4: Homework

Homework due Oct 17, 2016 at
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- ▶ Module 5: Moments of a
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