- (1) Suppose that X is a Geometric random variable with p=1/3 Find formulas for EX, VarX, and P(2<X<5)
- (2) Suppose that X is a continuous random variable with $f(x)=\exp(1-x)$ for x>1 and 0 otherwise. Find formulas for EX, VarX, and P(2<X<5)