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Lecture –30 Common Probability Distributions (Part - 01)

In this lecture we are going to talk about some of the discrete distributions that appear commonly in structural reliability theory. And after that we are going to take up the continuous distributions that appear commonly in this subject.

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I have a list here and it is also going to be there in your course material. So, on this list we have first the discrete uniform and then the four which come next arise from the Bernoulli trial or a series of Bernoulli trials.

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The next we two that we will focus on would be the hyper geometric and the Poisson distribution. So, let us start with the discrete uniform.