Lecture 2: Discrete Distributions, Normal Distributions• Verifies 2 Properties – F(x) Is Indeed Nonnegative – Area Under The Curve Is Indeed 1 (can't Integrate Normally But It Does Integrate To 1) • Bell-shaped And Unimodal • Centered At µ • σ Controls The Spread – Larger σ, Wider Distribution – Smaller σ, Taller 25th, 2024Chapter 5: Normal Probability Distributions - SolutionsIn The Problem. For The Probability That X**a, Convert Ainto A Z-score Using Z= A ˙ And Use The Table To Nd The Area To The Right Of The Z-score. For The Probability That A**