

## **Engineering Mathematics III**

## **Discrete Mathematics**

Lecture 20

**Free and Bound Variables** 

This course is taught to Computer Science Engineering students in SMIT, India during Jun-Dec, 2019.

for (i in Range (n)):

Scope

Round variable to Some things. 

The Sound variable to Some things. del 120ren(x), Print (F) if (nor, 2 = 0); Return From else: Return odd.

Bound variable. Free variable Ha, risaskudunt Jx such that XEA Scope of mis the quantifies "t" n-vaniable Seope og in is the quantitier 3 ) of (2=2) mmt 720for (in Some) {

fur(i (n range 10)): Round vourable within the scope of J

M(n); x is a writer M(n) stope of n is M(n).  $f_{x}$ ,  $M(x) \wedge N(n)$ Scope of the quantities  $J = M(x) \wedge N(n)$   $M(n) \wedge (Jx, N(n))$ Superfrom M(n) Scope of n = N(n)Scope of n = N(n)