## Lec. 25-c-Theorem H Lebesque

Thursday, August 8, 2024 8:28 AM

Ret f: Ta, b] -> R be a bounded function Then f & R(Ia, b] = D(Ia, b) iff |D.se(f)]=0 Which is to Say. a bounded function of 21 continuous iff I is continues almost every where J: [9,6] Gonda R is ER fiff I is C almost Every where j.e. Castos statement  $F \neq ER(Ta, bJ) \Rightarrow | Disc(f) = 0$  $|Disc(f) = o| \Rightarrow f \in R(IG, f)$