## Lec. 25-a-first half of Lebegues character

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Lebegues character Estia of Riemann integrable  $\begin{bmatrix} c, d \end{bmatrix} = I, \quad \stackrel{o}{I} = (c, d)$  $l(\vec{I}) = l(\vec{I}) := (d-c)$ the notation of a set of measure zero hall

S = T a, b7Defr: S has measure zero, provided that YEXO 7 countable collection I; = [a, b]  $St \ S \leq U_{j=1}^{\infty} \frac{\partial}{\partial j}$