## Lec. 22 - examples of Integrable functions

Thursday, June 6, 2024

10:22 PM

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Concrete examples of L(P; +) & T(P; +), L=T

Defin ( Cauchy)

ft Co([a,b])

P= = X = a Lx, L - · · Lx = b?

 $S_{0}(f) = \sum_{i=1}^{n} f(x_{i-1})(x_{i} - x_{i-1}) \quad \text{Aum of areas of} \quad \text{Withle rectangly}$ Plug M Xi-1

Defpi (Richam)

for [h, b] -> Re only afterne to be banded Riemann Hangles & @ my & E Ixi-1, xi ]

Denboux Internability = Riemann's Integrabity

Rieman & Contoon hostory

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