Info

This note, that was found here, as a part of a collection
is written (completely with human hands) by Rupadarshi Ray,
was created on December 15, 2024 8:45:34 PM,
was last modified on June 12, 2026 11:10:55 AM, and
was exported on September 7, 2026 3:09:56 PM.

Unsharpness principles

[1]

Current note has 0 direct children and 0 total descendants.

- stem
  - subobjects of and functions on $\mathbb{R}^n, S^n, \mathbb{C}^n$ and its quotients $\Gamma\backslash^{\mathbb{R}^n}, \Gamma\backslash^{\mathbb{C}^n}$
    - Fourier
      - Unsharpness principles

And it has 10 siblings.

- stem
  - subobjects of and functions on $\mathbb{R}^n, S^n, \mathbb{C}^n$ and its quotients $\Gamma\backslash^{\mathbb{R}^n}, \Gamma\backslash^{\mathbb{C}^n}$
    - Fourier
      - Fourier transform on $L^2(-A, A) \leq L^2(\mathbb{R})$
      - $\widehat{\ } : L^2(0, \infty) \cong_{\text{Hilb}} \mathscr{O}^2(H^2_{\mathrm{U}})$
      - Fourier transform on $\mathbb{R}^n$
      - Fourier transform on S^1, Fourier series on $[0, 1]$
      - Functions on S^1 with absolutely converging Fourier series, $\check{l}^1(S^1)$
      - Fourier transform of distributions on S^1
      - $\widehat{\ } : L^1[0, 1] \to \mathcal{C}_0(\mathbb{Z}, \mathbb{C})$
      - $\widehat{\ } : L^2[0, 1] \cong_{\text{Hilb}} l^2(\mathbb{Z}, \mathbb{C})$
      - Fourier transform of measurable subsets
      - Unsharpness principles

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1. math.iisc.ac.in/~manju/TA/5-uncertaintyprinciples.pdf ↩