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$$\mathcal{O}^p(H^2_U)$$

Definition.

$$\mathcal{O}^p(H^2_U) := \left\{ f \in \mathcal{O} \left| \sup_{y \in (0, \infty)} \int_{\mathbb{R} + iy} |f|^p < \infty \right. \right\}$$

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\$](#)
 - [Holomorphic functions on spaces over \$\mathbb{C}\$ of dimension 1](#)
 - $\mathcal{O}^p(H^2_U)$

And it has 19 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\$](#)
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 - $\mathcal{O}(U)$
 - $\mathcal{O}(\mathbb{C})$
 - $\mathcal{O}(D)$
 - $\mathcal{O}^p(H^2_U)$
 - $\mathcal{O} \cap L^p$
 - $\mathcal{O}(S^1)$
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