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Open, smooth, not locally constant functions

$$U \subseteq \mathbb{R}^2 \rightarrow \mathbb{C}$$

Let $U \subseteq \mathbb{R}^2$ be an open subset and

$$\mathcal{C}^\infty(U) := \{f \in \mathcal{C}^\infty(U, \mathbb{C}) \mid f : U \rightarrow \mathbb{C} \text{ is open, not locally constant}\}$$
$$\mathcal{O}(U) \subseteq \mathcal{C}^\infty(U) \subseteq \mathcal{C}^\infty(U)$$

Current note has 0 direct children and 0 total descendants.

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And it has 39 siblings.

- stem
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