

Info

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is written (completely with human hands) by [Rupadarshi Ray](#),
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$$\mathcal{C}^1([a, b], \mathbb{R})$$

💬 To add some to what [u/sleeps_with_crazy](#) said $\mathcal{C}[0, 1]$ with a Gaussian measure is called Wiener space - that is, it is where Brownian motion lives. Lots of cool stuff happens if you interpret what he says in this case. ^[1]

- norms
 - [stamp.Rf.derivative.space.cpt 1.sup norm](#)
 - sum sup norm
 - L^p norm
- End
 - [stamp.Rf.derivative.space.cpt 1.End d](#)

Current note has 2 direct children and 2 total descendants.

- [stamp](#) stamp
 - [Rf](#) subobjects of and functions on $\mathbb{R}^n, T^n, S^n, \mathbb{C}^n$
 - [derivative](#) Differentiable functions
 - [space](#) Space of continuous and continuously differentiable functions on \mathbb{R}
 - [cpt 1](#) $\mathcal{C}^1([a, b], \mathbb{R})$
 - [End d](#) Derivative operator on $\mathcal{C}^1[a, b]$
 - [sup norm](#) $(\mathcal{C}^1([a, b], \mathbb{R}), \|\cdot\|_\infty)$

And it has 2 siblings.

- [stamp](#) stamp
 - [Rf](#) subobjects of and functions on $\mathbb{R}^n, T^n, S^n, \mathbb{C}^n$
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- cpt 1 $\mathcal{C}^1([a, b], \mathbb{R})$
- open with cpt supp k $\mathcal{C}_c^k((a, b), \mathbb{R})$

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1. https://www.reddit.com/r/math/comments/a6bptc/comment/ebtn9bu/?utm_source=share&utm_medium=web3x&utm_name=web3xcss&utm_term=1&utm_content=share_button ↩