

 Info

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$$\mathcal{C}_c^k((a, b), \mathbb{R})$$

dense in $\mathcal{C}^0([a, b], \mathbb{R})$

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

And it has 2 siblings.

- [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](#) $\mathcal{C}^1([a, b], \mathbb{R})$
 - [open with cpt supp k](#) $\mathcal{C}_c^k((a, b), \mathbb{R})$