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

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

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\$](#)
 - [Differentiable functions](#)
 - [Space of continuous and continuously differentiable functions on \$\mathbb{R}\$](#)
 - $\mathcal{C}_c^k((a,b),\mathbb{R})$

And it has 2 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\$](#)
 - [Differentiable functions](#)
 - [Space of continuous and continuously differentiable functions on \$\mathbb{R}\$](#)
 - $\mathcal{C}^1([a,b],\mathbb{R})$
 - $\mathcal{C}_c^k((a,b),\mathbb{R})$