

 Info

This note, that [was found here](#), as a part of [a collection](#) is written (completely with human hands) by [Rupadarshi Ray](#), was created on October 30, 2023 10:16:21 PM, was last modified on May 17, 2026 7:36:56 PM, and was exported on September 7, 2026 3:24:53 PM.

$$\mathcal{C}^0(X, \mathbb{C})$$

[1]



$$(\mathcal{C}(X, \mathbb{C}), +, \cdot, \|\cdot\|_\infty, *)$$

is a separable commutative unital C^* -algebra whose self-adjoint elements are exactly $\mathcal{C}(X, \mathbb{R})$.

Current note has 0 direct children and 0 total descendants.

- [structures based on sets](#)
 - [Topological spaces](#)
 - [cont f](#)
 - $\mathcal{C}^0(X, \mathbb{C})$

And it has 1 siblings.

- [structures based on sets](#)
 - [Topological spaces](#)
 - [cont f](#)
 - $\mathcal{C}^0(X, \mathbb{C})$

1. [Gleason.pdf \(uchicago.edu\)](#).↩