Info

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surjectivity of exponential map onto $GL(n, \mathbb{C})$

> **Proposition:**
>
> $$\exp : \mathfrak{gl}(n, \mathbb{C}) \to GL(n, \mathbb{C})$$
>
> is surjective.

- For an invertible $\mathbb{C}$-linear map

  $$T : \mathbb{C}^n \to \mathbb{C}^n$$

  we decompose $\mathbb{C}^n$ into the direct sum of its generalised eigenspaces E_λ and we have $\lambda \neq 0$ always.

- ϕ
- ...

Current note has 0 direct children and 0 total descendants.

- squishy
  - GL
    - C n
      - surjectivity of exponential map onto $GL(n, \mathbb{C})$

And it has 2 siblings.

- squishy
  - GL
    - C n
      - $GL(n, \mathbb{C})$ is path-connected
      - surjectivity of exponential map onto $GL(n, \mathbb{C})$