

# FTA

(24fall)quiddite

In this doc, we display several proofs of FTA.

*Proof: (complex analytical).* Ommitted, since it can be found in any book on Complex analysis. □

*Proof: (topological).* sdjfl □

*Proof: (differential topological).* sdjfl[1] □

*Proof: (field theoretic).* sdjfl[2] □

## References

- [1] John Willard Milnor and David W Weaver, *Topology from the differentiable viewpoint*, vol. 21, Princeton university press, 1997.
- [2] Patrick Morandi, *Field and Galois theory*, vol. 167, Springer Science & Business Media, 2012.