- ***Multi-Parameter Persistent Homology***
    - Carlsson, Gunnar, and Afra Zomorodian. "The theory of multidimensional persistence." *Proceedings of the twenty-third annual symposium on Computational geometry*. 2007. https://dl.acm.org/doi/pdf/10.1145/1247069.1247105
- ***Discrete Morse Theory***
    - Forman, Robin. "Morse theory for cell complexes." *Advances in mathematics* 134.1 (1998): 90-145. https://webhomes.maths.ed.ac.uk/~v1ranick/papers/forman5.pdf
- ***GENEO (Group Equivariant Non-Expansive Operators)***
    - Bergomi, Mattia G., et al. "Towards a topological–geometrical theory of group equivariant non-expansive operators for data analysis and machine learning." *Nature Machine Intelligence* 1.9 (2019): 423-433. https://arxiv.org/pdf/1812.11832
- ***Mapper***
    - Singh, Gurjeet, Facundo Mémoli, and Gunnar E. Carlsson. "Topological methods for the analysis of high dimensional data sets and 3d object recognition." *PBG@ Eurographics* 2.091-100 (2007): 90. https://diglib.eg.org/server/api/core/bitstreams/f770fe2e-d1d7-47e5-a55d-e5c0ecdd42ee/content
- ***TDA e Learning***
    - Hensel, Felix, Michael Moor, and Bastian Rieck. "A survey of topological machine learning methods." *Frontiers in Artificial Intelligence* 4 (2021): 681108. https://www.frontiersin.org/journals/artificial-intelligence/articles/10.3389/frai.2021.681108/pdf
- ***TDA e Teoria delle Categorie***
    - Bubenik, Peter, and Jonathan A. Scott. "Categorification of persistent homology." *Discrete & Computational Geometry* 51.3 (2014): 600-627. https://link.springer.com/content/pdf/10.1007/s00454-014-9573-x.pdf
- ***TDA e Statistica***
    - Bubenik, Peter, and Peter T. Kim. "A statistical approach to persistent homology." (2007): 337-362. https://projecteuclid.org/journals/homology-homotopy-and-applications/volume-9/issue-2/A-statistical-approach-to-persistent-homology/hha/1201127341.pdf
- ***TDA e Algebra/Combinatorica***
    - Bolognini, Davide, and Ulderico Fugacci. "Betti splitting from a topological point of view." *Journal of Algebra and its Applications*19.06 (2020): 2050116. https://arxiv.org/pdf/1704.01105
- ***Applicazioni:***
    - https://donut.topology.rocks/
    - descrizione o implementazione
    - tipologia di dati (e.g., nuvole, immagini, funzioni, reti, …)
    - ambito applicativo (e.g., medicale, biologico, ingegneristico, ...)