1. Introduction
    a. quick introduction to state-of-the-art and need/applications for this tool
    b. overview of specific references (loss models and turbine design tools)
    c. list of objectives
2. Methodology (can switch order of 2.a and 2.b ?)
    a. Design tool methodology
        i. Overview and applications
        ii. Thermodynamics
            1. References
            2. Assumptions
            3. Isentropic equations for turbine flow
        iii. Loss models
            1. References
            2. Kacker and Okapuu
            3. Craig and Cox
            4. …
        iv. Software and code
            1. Implementation of tool (python)
            2. Libraries and optimization functions
            3. Front-end view and interface (if I have time for that)
    b. TFG workflow methodology
        i. Initial turbine model
        ii. Introduction of loss models
        iii. Optimization
        iv. Comparison to test cases
3. Turbine model
    a. Overview
        i. Inputs and assumptions (mi idea es que la herramienta tenga unos inputs obligatorios (temperatura de entrada, deltaH, etc.) y la lista de *assumptions* que se pueden modificar sólo si el usuario lo desea—al contrario, se utilizaría el valor *default*)
        ii. Notation and geometry
        iii. Outputs: tables, figures
    b. Model description
        i. Outlet Mach optimization
        ii. Rotor angles optimization
4. Integration of loss models
    a. For each: define equations (as referenced in 2.a.iii), show where they are included into the turbine model
5. Optimization
6. Results, comparatives with test cases
7. Conclusion