PROPULSION

This set of notes has been prepared to facilitate personal study to engineering students about propulsion (fundamentals and applications, with emphasis on the aerospace field), focusing the interest on energy analysis, without covering other aspects of importance, as engine internals (nothing on machinery), control and operation of the propulsion system and its vehicle, necessary infrastructures (in spite that their necessary matching to engine development, and their share in land occupation and environmental impact), etc. The level of assumed skills is not uniform (some parts are more advanced than others). They are organised in the following topics:

- Propulsion fundamentals (Introducción a la propulsión aeroespacial)
- Propulsion systems:
  - Terrestrial propulsion (including wheel/road and wheel/rail systems)
  - Marine propulsion (including all waterborne and underwater propulsion)
  - Aircraft propulsion
  - Spacecraft propulsion
- Nozzles
- Propellers
- Some data on aerospace engines.

References

Most graphic media used herein refers to Wikipedia material (links are provided).

Books:

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