

## M1222 Thermodynamics

The students have to write an article in one of the following subjects.

A: Gas power cycles

B: Vapor power cycles

C: Refrigeration cycles

The article should include

- 1 Overview for the application of the cycles
- 2 complete cycle analysis with estimation for operating parameters.
- 3 The assumptions used to analysis the cycles.
- 4 The parameters affecting cycles performance
- 5 Graphs representing cycle performance
- 6 Limitations affecting the cycles
- 7 Conclusions obtained from cycle analysis
- 8 References