First step into the project

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Outline

1. 1 - Bibliography
2. 2 - MATLAB
3. 3 - Boring procedures
4. 4 - What's next?

1 - Bibliography

- Groove, Menikoff. Anomalous reflection of a shock wave at a fluid interface (1990)
- Haas, Sturtevant. Interaction of weak shock waves with cydrical and spherical gas inhomogeneities (1987)

Given by my teacher of compressible flows at ENSTA : has to be read carefully ...

2 - MATLAB

- Goods news : most `matlab` programs work well on my computer
- But some programs have warnings and/or errors
- `particle RRE example.m` for example : doesn't compute at all, lacks a function
- Some take a very long time to compute

3 - Boring procedures

- Internship contract is not signed by everyone yet
- Officially from May, 21 to 24, July, 35 hours a week

4 - What's next?

- Bibliography reading, starting with the 2 new articles + book Shock Refraction Phenomena + re-read articles related with polar plots
- Understand well what differentiates regular refraction from irregular refraction
- Ask Yann for explanations about what's wrong in his programs
- Fix programs