Mathematical Physics II Tutorial Project

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1. Choose one of the following functions of complex variables:
   - Exponential Functions.
   - Logarithmic Functions.
   - Trigonometric Functions.
   - Hyperbolic Functions.
   - Polynomials.
2. In light of what you've studied in Mathematical Physics II, explain your chosen function's behavior and properties. As well as finding an application of the function in physics.
3. Present your work in your preferable language, as:
   1. **Scientific paper:** of 2-3 pages [1].
   2. **Presentation:** of approximately 5-7 minutes.
4. One or Two students per group.
5. You'll be graded according to the following:
   1. **Papaer:** content, structure, development and style. See `https://www.csuohio.edu/writing-center/how-professors-grade-research-paper` for details.
   2. **Presentation:** In addition to the guidelines mentioned above, you'll also be graded according to your way of delivering the information such as: your visual aids and verbal presentation (your voice and body language).
6. This project will be 10% of your grade.
7. Your due date is March 17, 2019.

[1] see attached templates for a scientific paper.