Problem set X

Theoretical image science
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Discussing solutions is encouraged but you must **individually** write and hand in your solutions. For numerical computations and plots, you can use the programming language of your choice, e.g. Matlab or Python.

Construct your own homework problem (10 p)

Construct your own homework problem and solve it! The level of difficulty should correspond to a homework problem worth 3-5 points. It can be a theoretical and/or numerical problem, and it can be related to any part of the course that you choose. If you want you can use this opportunity to explore an application related to your research, as a warm-up problem before taking on your project, but this is not a requirement. If you are uncertain of whether the problem is related to the course or not, feel free to discuss your idea with the teacher!

Note: If it's OK with you, I may use this problem when teaching the course in the future, but if you don't want me to do so, then this is totally OK and this does not affect your score on the homework assignment. If you don't want me to use the problem, please indicate this when you hand in the problem and solution.