Homeworks 50%, Exam 25%, Term paper 25%.

Grading:
Term paper due Dec. 18
Homework set #3 due Dec. 11
Exam Dec. 4
Homework set #2 due Nov. 8
Homework set #1 due Oct. 9

Homework/Exam:
Press, 2nd edition
Chaos in Dynamical Systems, by E.O. (Cambridge University
Quantum chaos, chaos in fluids,
Fractal basins of attraction, chaotic scatterings, Hamiltonian chaos,
Embedding, Lyapunov exponents, entropy, controlling chaos,
One dimensional maps, strange attractors, fractal dimension

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