

Pretty pictures from Interesting integrals

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There is a well established rich interaction between the evaluation of definite integrals and special functions, but in spite of the many evaluations, the theory of definite integrals is quite undeveloped and most problems are solved by ad-hoc procedures: *you are able to evaluate an integral because you know a trick.*

In this talk I will present some new connections between the evaluation of definite integrals and Dynamical Systems, Number Theory and Combinatorics. These connections explain the pictures below.

For more details and to enter the fascinating world of *Evaluation of Integrals* go to my homepage.

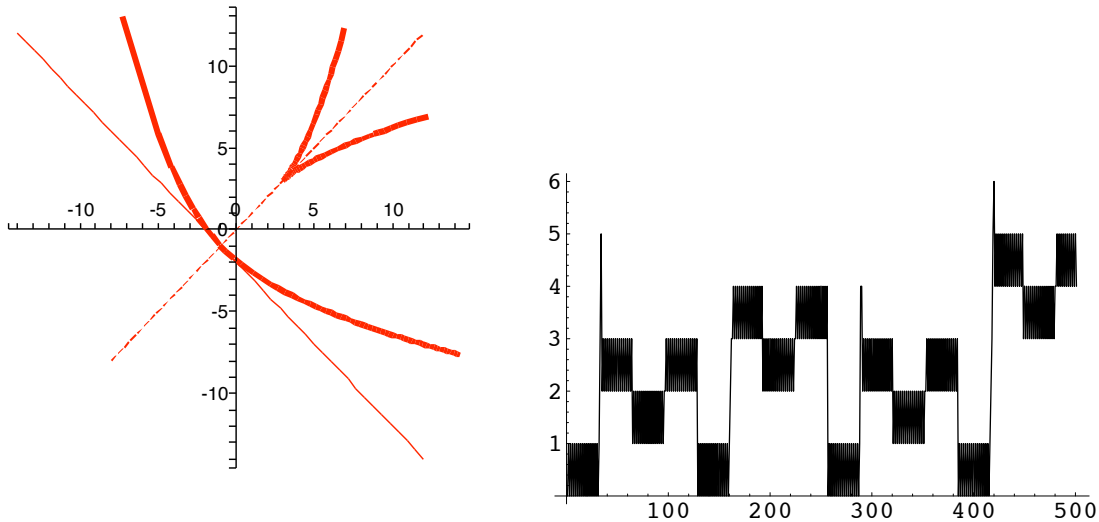


Figure 1: Some pictures from integrals