

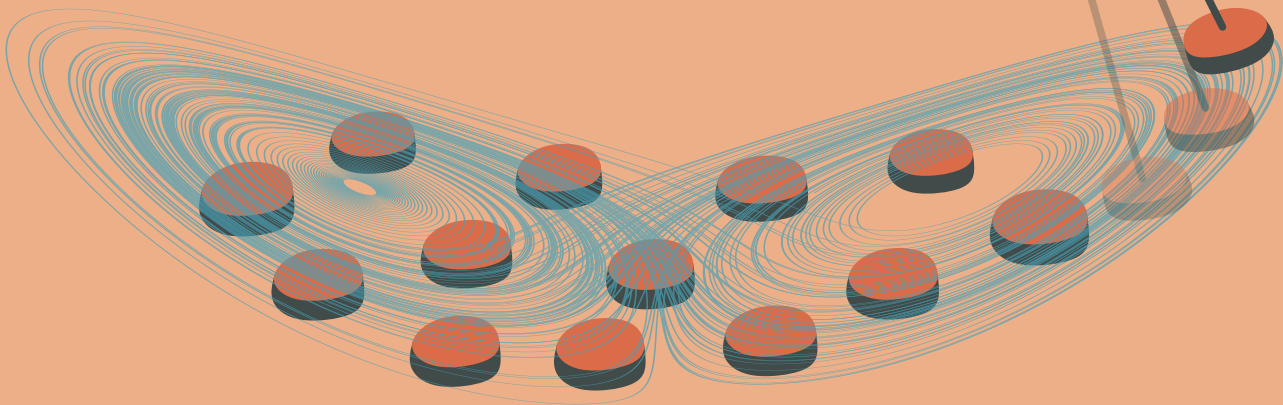
9th French Physicists' Tournament



Problem 13 : chaotic magnetic pendulum

Consider a pendulum consisting of a magnetic bob attached to a string. If the pendulum is allowed to swing over a structure of permanent magnets, it will display complex motion. Study the pendulum dynamics and its dependence on the number of permanent magnets and their arrangement.

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oppose

