SEARCH FOR PERIODIC SOLUTIONS TO THE NEWTONIAN THREE-BODY PROBLEM

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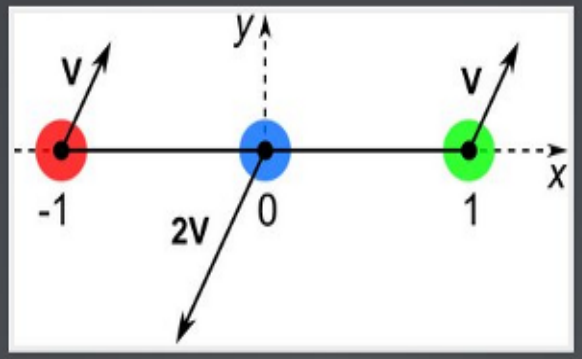
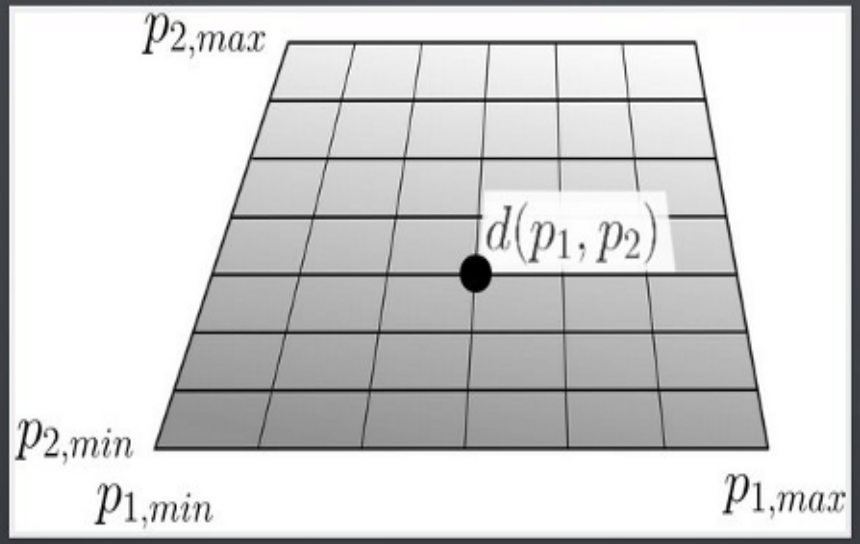
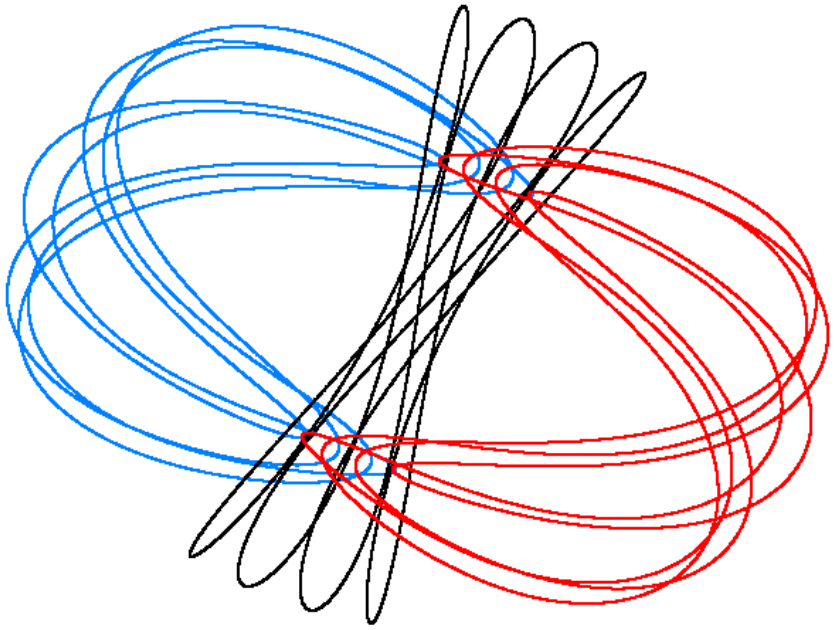
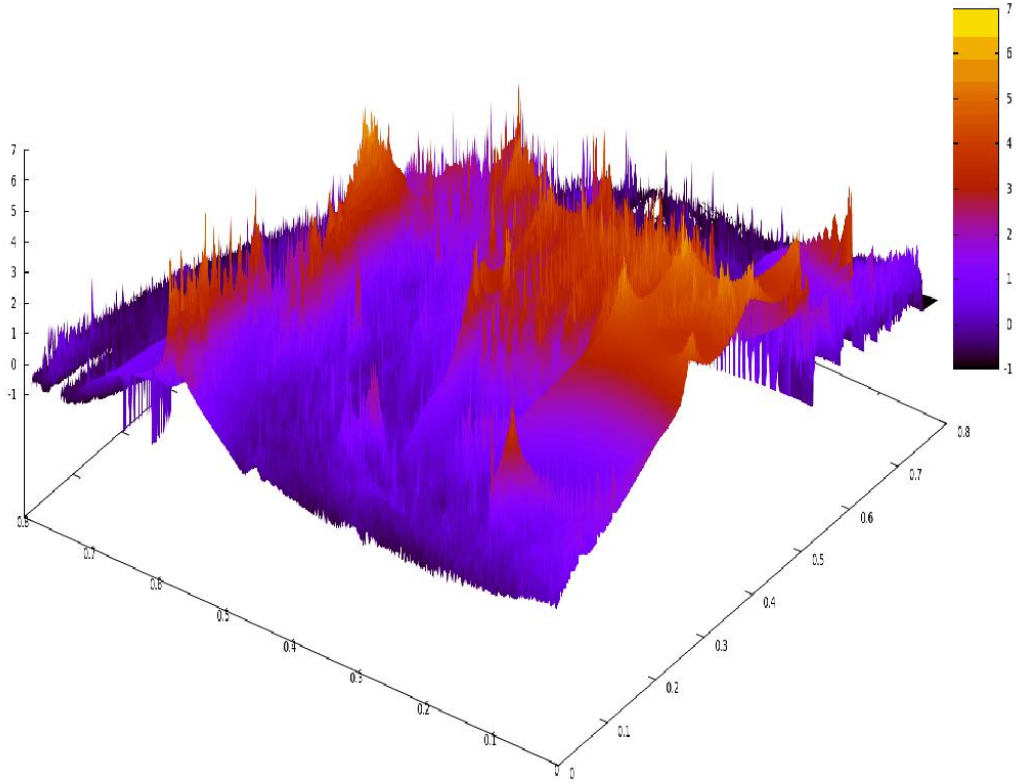
SEARCH METHOD

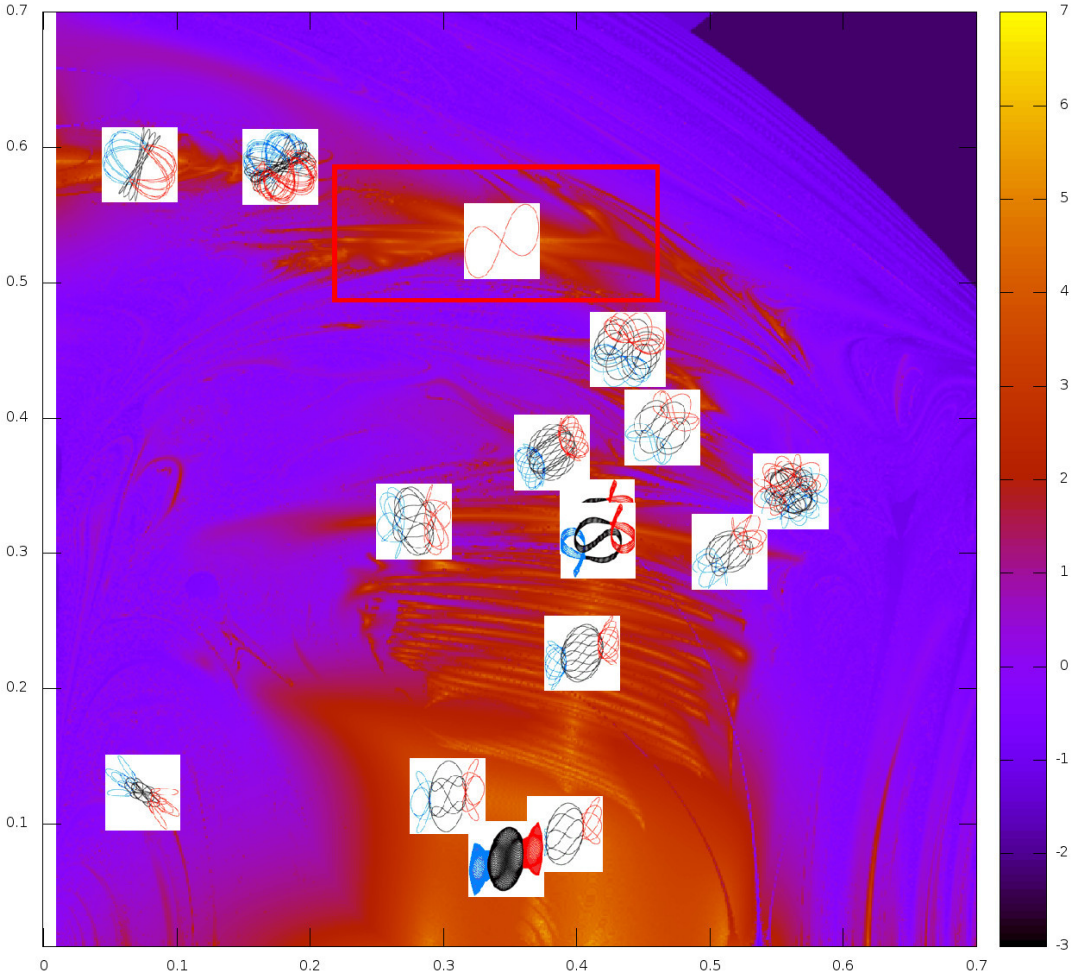


$$d(\mathbf{X}_0, T_0) = min_{t \leq T_0} |\mathbf{X}(t) - \mathbf{X}(0)|,$$

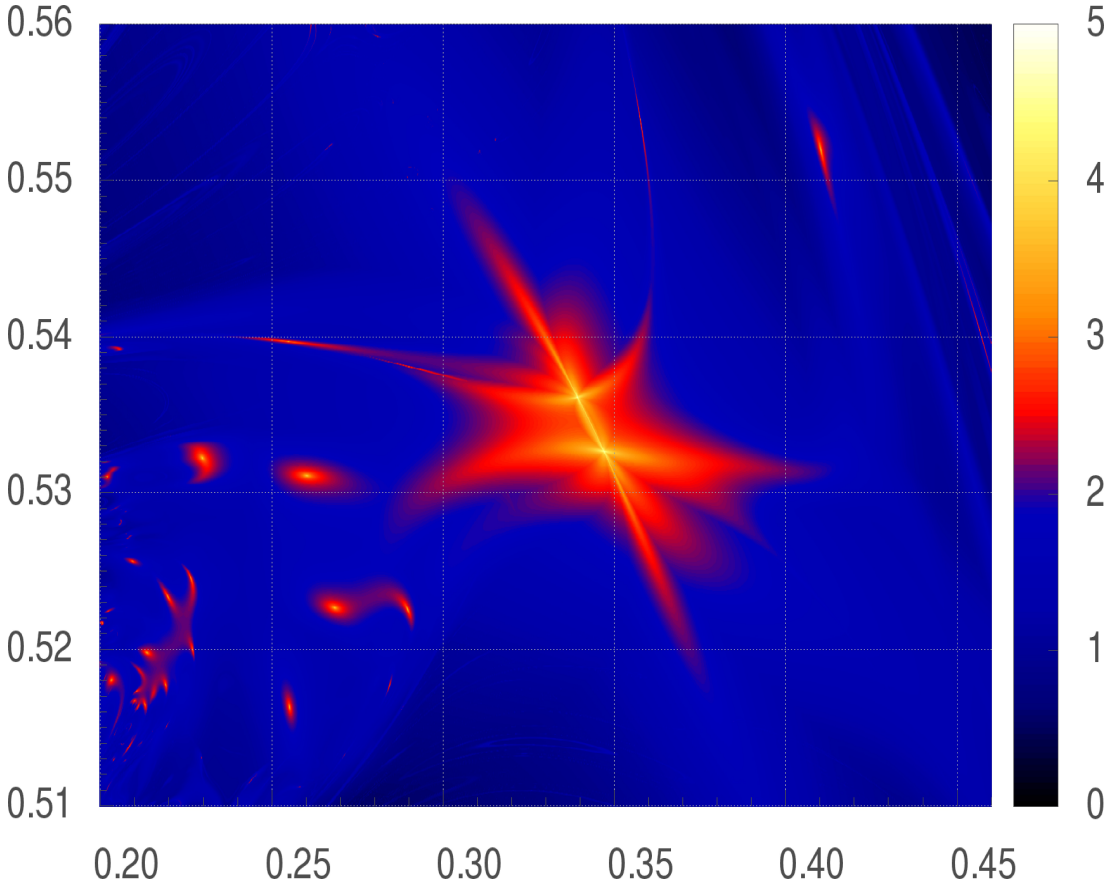






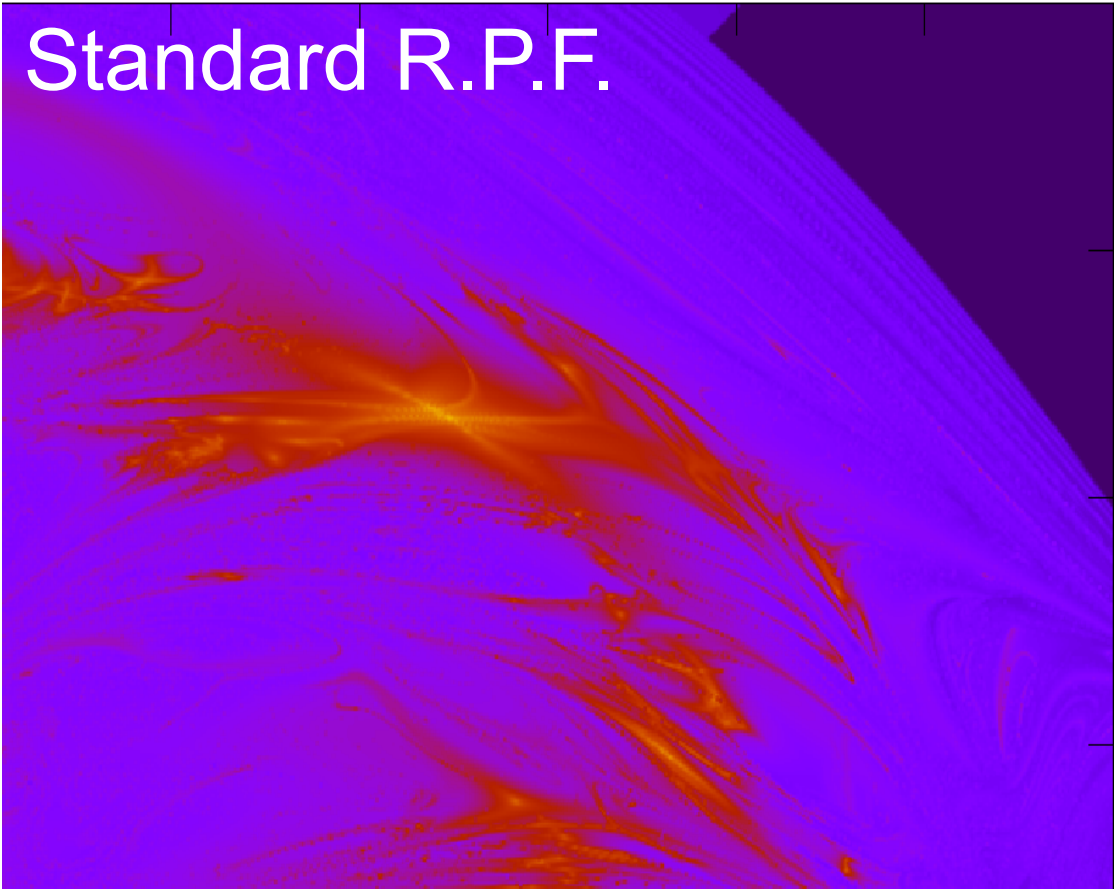


Web gallery:
http://suki.ipb.ac.rs/3body



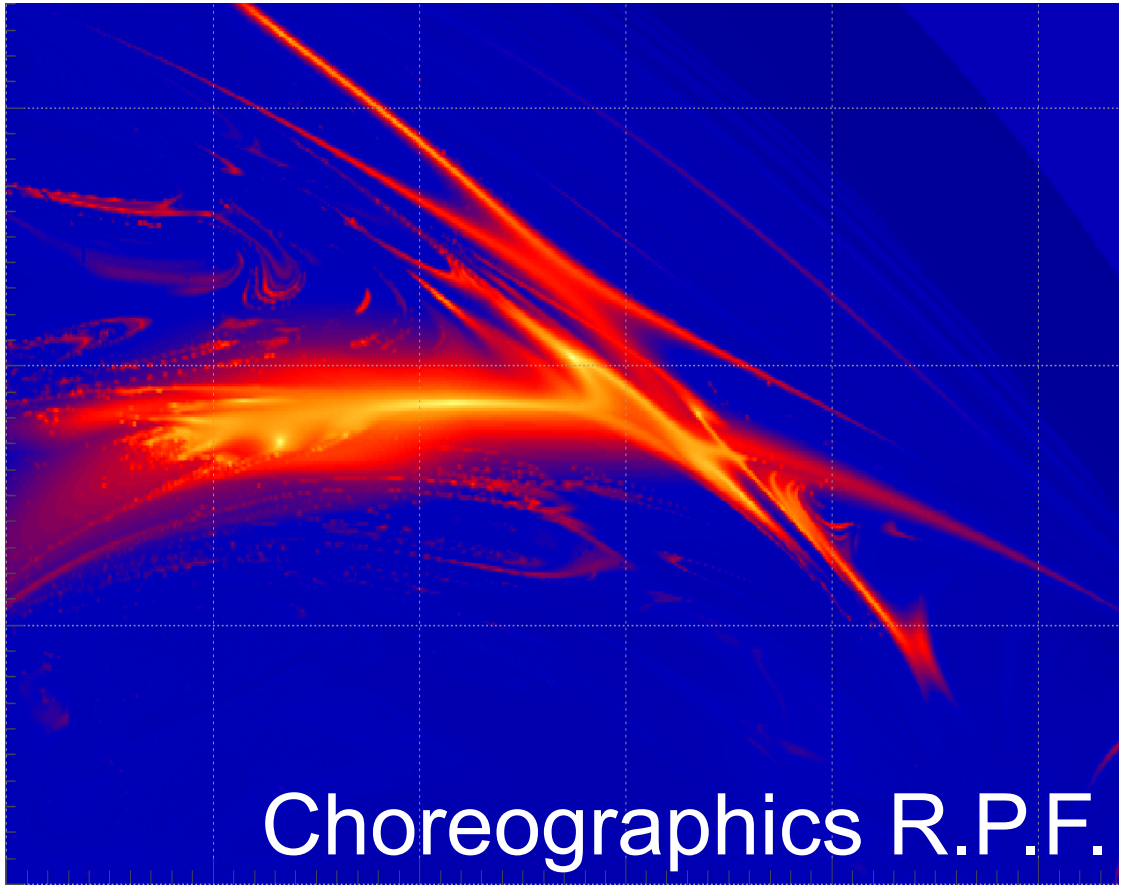
[Šuvakov & Dmitrašinović, Phys. Rev. Lett. 110, 114301 (2013)]

listed in "The Top 10 ScienceNOWs of 2013"

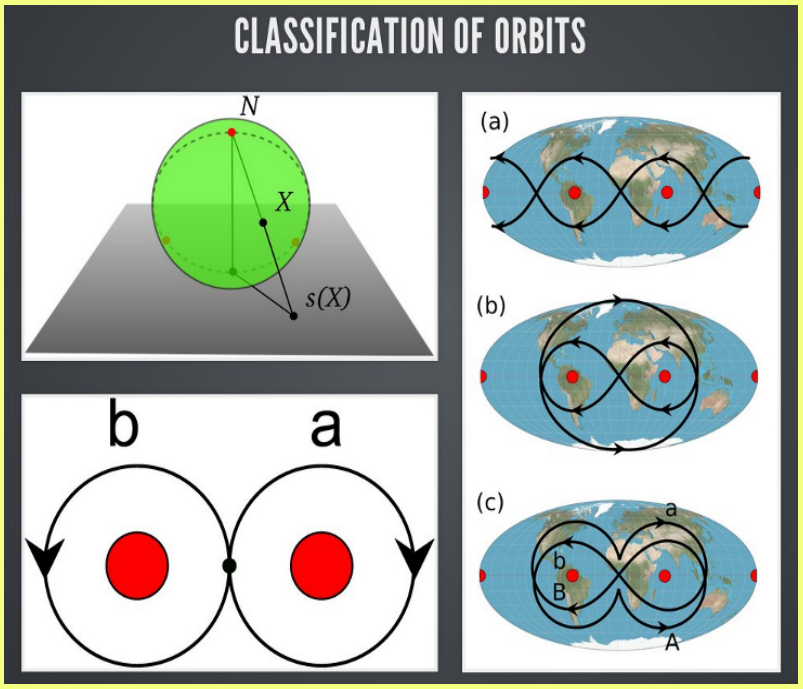


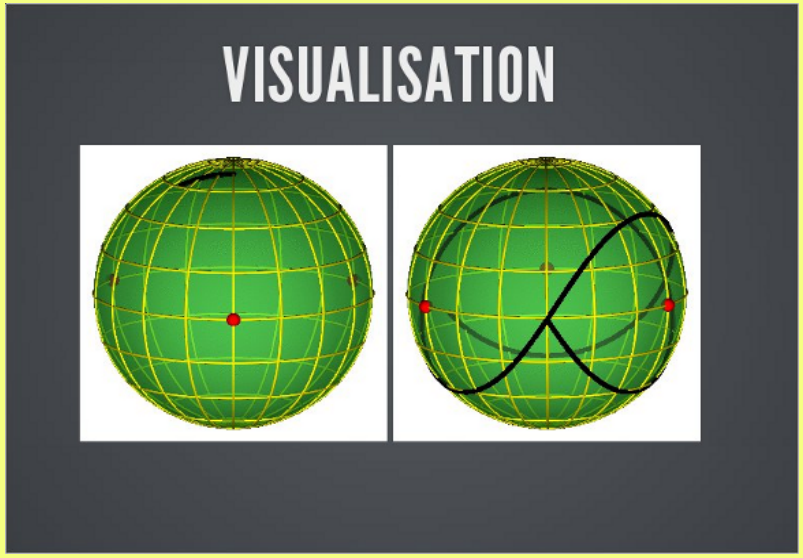
[arXiv:1312.7002]

[Am. J. Phys. 82,
to appear May 2014]



NUMERICAL SEARCH





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