

Year: 2008

Vol.: 73

Fasc.: 3-4

Title: Near periodicity and Zhukovskij stability

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In this paper, we prove pairwise equivalence between near periodicity, Poisson stability, recurrence and nonwandering of a point with Zhukovskij stability. In a locally compact phase space, a periodic point is nearly periodic if and only if it is Zhukovskij stable. Also, it is shown that for a nearly periodic system each orbit closure is minimal and stable.

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