PERSONAL：

Name:	Xiufang Ren
Department:	Department of Mathematics, College of Sciences
Gender:	Female
Degree:	Ph.D.
Title:	Associated Professor
Major:	Applied Mathematics
Graduated University:	Nanjing University
Research Field:	Differential Equations &Dynamical Systems
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BRIEF INTRODUCTION:

My research interest is mainly focused on quasi-periodic solutions of partial differential equations, reducibility of quasi-periodic dynamical systems, lower-dimension lattice models in biology, physics, engineering, etc. Recently, I show a special interest in Plankton dynamics and Pharmacokinetics. My work has been published in J. Differ Equ., J.J. Differ Equ. and other Mathematical Journals. My research has been supported by the National Natural Science Foundation of China.

EDUCATION:

Ph.D., Applied Mathematics, Nanjing University, 2010

M.S., Applied Mathematics, Northeast Normal University, 2007

B.S., Mathematics and Applied Mathematics, Jinzhou Normal University,2005

Exchange Study, Applied Mathematics, Northeast Normal University, 2005

PROJECTS UNDERTAKEN:

(4) Chair the Natural Science Foundation of China (NSFC) Project "The Application of KAM Theory in Partial Differential Equations and Lattice Models" under Grant No. 11601232

(3) Chair the Fundamental Research Funds for the Central Universities "The Application Study of KAM Theory in Epidemic Models and Quasi-periodic Breathing Motion of DNA Oscillator Chains" under Grant No. KYZ201537

(2) Chair the Natural Science Foundation of China (NSFC) Project "The Persistency of Invariant Tori in Infinite-dimension Nearly Integrable Hamilton Systems" under Grant No. 11126100

(1) Chair the Youth Innovation Fund Project of College of Sciences, Nanjing Agricultural University "Infinite-dimension Hamiltonian dynamical systems and quasi-periodic solutions, almost-periodic solutions" under Grant No. KJ2010025

TEACHING INFORMATION:

Calculus (fall)

Linear Algebra (spring)

Probability (spring)

Analytic Geometry (fall)

Graduate Course

Modern Analysis (Real Variable Functions and Functional Analysis) (fall)

PUBLICATIONS:

Journal Papers:

(3) Xiumei Xing, **Xiufang Ren***, Stability of the Equilibrium of Quasi-periodic Planar Oscillator,

Journal of Jilin University. **2015**, *53*, 383–388.

(2) **Xiufang Ren***, Quasi-Periodic Solutions with Prescribed Frequency in Reversible Systems, *Journal of Dynamics and Differential Equations.* **2014**, *26* , 493–515.

(1) **Xiufang Ren***, Periodic Solutions of Perturbed Van Der Pol Equation, *Journal of Nanjing University Mathematical Biquarterly,* **2014**, *31*, 125–139.