

EUROPEAN  
CURRICULUM VITAE  
FORMAT



PERSONAL INFORMATION

Name **XIANZHONG ZHAO**  
Address **NO.1, XUEFU ROAD, CHANGAN DISTRICT, XI'AN CITY, 710127, P. R. CHINA**  
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Nationality P. R. China  
Date and Place of birth 25.08.1961. XI'AN CITY (CHINA)

WORK EXPERIENCE

- Dates (from – to) 2002-2020.
- Name and address of employer Northwest University, School of Mathematics, NO.1, Xuefu road, 710127, Xi'an City, P. R. China
- Type of business or sector High Education
- Occupation or position held Full professor
- Dates (from – to) 1993. - 2002.
- Name and address of employer Northwest University, School of Mathematics, NO.1, Xuefu road, 710127, Xi'an City, P. R. China
- Type of business or sector High Education
- Occupation or position held Assistant professor

SCIENTIFIC WORK

- Research interest
  - Algebraic theory of semigroups.
  - Tropical algebra.
  - Theoretic computer science.
- Research Grants
  - No. 11571278 The project of National Natural Science Foundation of China: Tropical matrix semigroup and Tropical matrix group(since 2015)
  - No. 11971383 The project of National Natural Science Foundation of China: Study on power semigroups of tropical matrices and 2-closed permutation groups (since 2019)
- Visiting scholar
  - 2019.07.17-2019.08.25, Department of Mathematics at Texas State University, USA
  - 2018.07.23-2018.08.18, Department of Mathematics and Informatics, University of Novi Sad, Serbia.
- Referee
  - Mathematical Reviews, USA.
  - Zentralblatt für Mathematik, Germany - local redaction.
- Publications
  - Papers:
  - M.M. Ren, X.Z. Zhao, Y. Shao. The lattice of ai-semiring varieties satisfying  $x^n \approx x$  and  $xy \approx yx$ . Semigroup Forum, 2020, 1–26.
  - Baomin Yu, Xianzhong Zhao, Lingli Zeng, A congruence on the semiring of normal tropical matrices. Linear Algebra Appl. 2018, 555: 321–335.

- Baomin Yu, Xianzhong Zhao, Aiping Gan, Global determinism of idempotent semigroups. *Comm. Algebra* (2018), 46(1): 241–253.
- Miaomiao Ren, Xianzhong Zhao, Aifa Wang, On the varieties of ai-semirings satisfying satisfying , *Algebra Universalis*, 2017, 77(4): 395-408.
- Xianzhong Zhao, Aiping Gan, Baomin Yu, Global determinism of normal orthogroups. *Semigroup Forum*, 2017, 94(2): 336–370.
- Miaomiao Ren, Xianzhong Zhao, Yong Shao, On a variey of ai-semirings satisf- ing , *Semigroup Forum*, 2016, 93(3): 501-515.
- Miaomiao Ren, Xianzhong Zhao, The varieties of semilattice ordered semigroup satisfying  $x^3=x$  and  $xy=yx$ , *Periodica Mathematica Hungarica*, 2016, 72(2): 158-170.
- Miaomiao Ren, Xianzhong Zhao, On free Burnside ai-semirings, *Semigroup Forum*, 2015, 90(1): 174-183.
- Aiping Gan, Xianzhong Zhao, Miaomiao Ren, Global determinism of semigroups having regularglobals, *Period. Math. Hungar.*, 2016, 72(1): 12-22.

MOTHER TONGUE

**Chinese**

OTHER LANGUAGES

**ENGLISH**

- Reading skills
- Writing skills
- Verbal skills

Excellent  
Good  
good