

EUROPEAN
CURRICULUM VITAE
FORMAT



PERSONAL INFORMATION

Name **YONG SHAO**
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 12.01.1980. XI'AN CITY (CHINA)

WORK EXPERIENCE

- Dates (from – to) 2017-2020.
- 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) 2011. - 2017.
- 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.
 - Algebraic theory of semirings.
 - Theory of Automata.
- Research Grants
 - No. 2011M501466 China Postdoctoral Science Research Fund Project: the evolution history of semigroups and its applications in Information Science (2011-2015)
 - No.2011JQ1017 Shaanxi Provincial Natural Science Foundation of China: Research on lattice semiring (2011-2014)
 - No. 2015JQ1020 Shaanxi Provincial Natural Science Foundation of China: some studies on AI- semiring (2015-2017)
 - No. 11571278 The project of National Natural Science Foundation of China: Tropical matrix semigroup and Tropical matrix group(since 2015)
 - No. 11801239 The project of National Natural Science Foundation of China: Study on power semigroups of a semigroup(since 2018)
- Visiting scholar
 - 2015.07.02-2015.08.10, Faculty of Mechanical Engineering, University of Niš, Serbia
 - 2015.08.10-2015.09.30, Department of Mathematics and Informatics, University of Novi Sad, Serbia.
 - 2018.08.10-2018.08.23, Department of Mathematics and

- Referee
 - Informatics, University of Novi Sad, Serbia.
 - 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.
 - L. X. Zhang, Y. Shao, \mathbb{S} -Invertible Matrices over Commutative Semirings, *Indian Journal of Pure and Applied Mathematics.*, 2018, 49(2): 227-238.
 - A.F.Wang, Y. Shao, On a semiring variety satisfying $x^n \approx x$, *Publicationes Mathematicae Debrecen*, 2018, 93(1): 73-86.
 - A.F.Wang, Y. Shao, On some varieties of ai-semirings satisfying $x^{p+1} \approx x$, *Open Mathematics*, 2018, 16: 913-923.
 - Y. Shao, M.M. Ren, On semilattices of rectangular bands and groups, *Semigroup Forum*, 2016, 93(1): 201-204.
 - Y. Shao, S. Crvenkovic, M. Mitrovic, Distributive lattices of Jacobson rings, *Publication de L'institut Mathematique*, 2016, 100(114): 87-93.
 - Tian, Y. Shao, X. Z. Zhao, Out Subword-Free languages and its subclasses, *International Journal of Foundations of Computer Science*, 2016, 27(3): 305-326.
 - A. Gan, X. Z. Zhao, Y. Shao, Globals of Idempotent Semigroups, *Communications in Algebra*, 2016, 44(9): 3743-3766.
 - Y. Shao, M.M. Ren, On the varieties generated by ai-semirings of order two, *Semigroup Forum*, 2015, 91: 171-184.
 - Y. Shao, M.M. Ren, S. Crvenkovic, M. Mitrovic, The semiring variety generated by any finite number finite fields and distributive lattices, *Publication de L'institut Mathematique*, 2015, 98(112): 45-51.
 - Y. Shao, M.M. Ren, On sturdy frame of abstract algebras, *Publication de L'institut Mathematique*, 2015, 97(111): 199-210.
 - Y. Shao, S. Crvenkovic, M. Mitrovic, Variety generated by distributive lattices and finite fields, *Publication de L'institut Mathematique*, 2014, 95(109): 101-109.
 - Y. Shao, S. Crvenkovic, M. Mitrovic, The Zeleznikow problem on a class of additively idempotent semirings, *Journal of Aust. Math. Soc.*, 2013, 95(3): 404-420.
 - Y. Shao, X. Zhao, Distributive lattices of M-rectangular divided-semirings, *Algebra Colloquium*, 2013, 20(2): 243-250.

MOTHER TONGUE

Chinese

OTHER LANGUAGES

ENGLISH

- Reading skills
- Writing skills
- Verbal skills

Excellent
Good
good