

# CURRICULUM VITAE

## Dr. Conghui Li

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## Education

2018.07: Ph.D in Mathematics, Peking University

2008.07: Bachelor Degree in Engineering, Tsinghua University

## Employment

Since 2022.01 Associate Professor, Southwest Jiaotong University

2018.09–2021.12 Research Assistant, Southwest Jiaotong University

2008.07–2011.04 Assistant Engineer, Chengdu Aircraft Design & Research Institute

## Publications

- [13] Z. Feng, C. Li, J. Zhang, On the inductive blockwise Alperin weight condition for type A, *J. Algebra* 631, (2023), 287–305.
- [12] C. Li, Restrictions of irreducible characters of finite groups of Lie type to derived subgroups and regular semisimple elements, *Comm. Algebra* 51:3 (2023), 983–990.
- [11] Z. Feng, C. Li, J. Zhang, Inductive blockwise Alperin weight condition for type B and odd primes, *J. Algebra* 604 (2022), 533–576.
- [10] Z. Feng, C. Li, J. Zhang, Equivariant correspondences and the inductive Alperin weight condition for type A, *Tran. Amer. Math. Soc.* 374(12) (2021) 8365–8433.
- [9] C. Li, The inductive blockwise Alperin weight condition for  $\mathrm{PSp}_{2n}(q)$  and odd primes, *J. Algebra* 567 (2021), 582–612.
- [8] C. Li, J. Zhang, The inductive blockwise Alperin weight condition for  $\mathrm{PSL}_n(q)$  with  $(n, q - 1) = 1$ , *J. Algebra* 558 (2020), 582–594.
- [7] C. Li, An equivariant bijection between irreducible Brauer characters and weights for  $\mathrm{Sp}(2n, q)$ , *J. Algebra* 539 (2019), 84–117.
- [6] C. Li, Z. Li, The inductive blockwise Alperin weight condition for  $\mathrm{PSp}_4(q)$ , *Algebra Colloq.* 26:3 (2019), 361–386.
- [5] Z. Feng, C. Li, Y. Liu, G. Malle, J. Zhang, Robinson’s conjecture for classical groups, *J. Group Theory* 22:4 (2019), 555–578.

- [4] Z. Feng, C. Li, Y. Liu, G. Malle, J. Zhang, Robinson's conjecture on heights of characters, *Compositio Math.* 155 (2019), 1098–1117.
- [3] C. Li, J. Zhang, The inductive blockwise Alperin weight condition for  $\mathrm{PSL}_n(q)$  and  $\mathrm{PSU}_n(q)$  with cyclic outer automorphism groups, *J. Algebra* 495 (2018), 130–149.
- [2] Z. Feng, C. Li, Z. Li, The McKay Conjecture for Finite Groups with Abelian Sylow 3-subgroups, *Algebra Colloq.* 24:2 (2017), 181–194.
- [1] Z. Feng, C. Li, Z. Li, The Inductive Blockwise Alperin Weight Condition for  $\mathrm{PSL}(3, q)$ , *Algebra Colloq.* 24:1 (2017), 123–152.