

Zikun Tan

Personal Curriculum Vitae

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Biography

I am currently a PhD student in Prof. Ron Dabora's group in the Department of Electrical & Computer Engineering, Ben-Gurion University of the Negev, Be'er Sheva, Israel.

My research interests include signal processing, wireless communications & information theory.

Education

PhD Electrical & Computer Engineering Ben-Gurion University of the Negev	Oct. 2021 - Present Be'er Sheva, Israel
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Advisor: Prof. Ron Dabora

Committee Members: Prof. Omer Gurewitz (Chair), Dr. Nir Shlezinger, Dr. Wasim Huleihel (Tel-Aviv University)

MS Electrical Engineering Northwestern University	Sep. 2019 - Mar. 2021 Evanston, IL, USA
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BEng Electrical & Electronic Engineering University of Liverpool	Sep. 2017 - Jun. 2019 Liverpool, UK
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BEng Telecommunications Engineering Xi'an Jiaotong-Liverpool University	Sep. 2015 - Jun. 2019 Suzhou, Jiangsu, P. R. China
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Publications

Conference Papers

[C1] Z. Tan, R. Dabora, and H. V. Poor, "On the Rate-Distortion Function for Sampled Cyclostationary Gaussian Processes with Memory", *Proceedings of the IEEE International Symposium on Information Theory (ISIT)*, July 2024, Athens, Greece.

[C2] Z. Tan, R. Dabora, and H. V. Poor, "The Rate-Distortion Function for Sampled Cyclostationary Gaussian Processes with Memory and with Bounded Processing Delay", *Proceedings of the IEEE International Symposium on Information Theory (ISIT)*, June 2025, Ann Arbor, MI, USA.

Journal Papers

[J1] Z. Tan, R. Dabora, and H. V. Poor, "Rate-Distortion Analysis for Sampled Correlated Cyclostationary Gaussian Processes", accepted to the *IEEE Transactions on Communications*.

Awards

Student Travel Grant · 2025 IEEE International Symposium on Information Theory.	Apr. 2025
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Student Travel Grant · 2024 IEEE International Symposium on Information Theory.	Jun. 2024
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High-tech, Bio-tech and Chem-tech Doctoral Fellowship · For excellent new PhD students with STEM fields in Ben-Gurion University of the Negev.	Sep. 2021
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Membership

IEEE Graduate Student Member

IEEE Information Theory Society Student Member

Personal

CITIZENSHIP: People's Republic of China

LANGUAGES: Chinese, English

PLACE OF BIRTH: Hefei, Anhui, P. R. China

DATE OF BIRTH: December 27th, 1996

Updated on February 3rd, 2026