

# Zikun Tan

## Personal Curriculum Vitae

Room 131, Building 33, Ben-Gurion University of the Negev, David Ben-Gurion Blvd, Be'er Sheva, Israel  
Email: tanziku@post.bgu.ac.il  
Mobile Phone: +972 534463043  
Personal Website: <https://zikuntan.github.io>

## 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
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
BEng Electrical & Electronic Engineering University of Liverpool	Sep. 2017 - Jun. 2019 Liverpool, UK
BEng Telecommunications Engineering Xi'an Jiaotong-Liverpool University	Sep. 2015 - Jun. 2019 Suzhou, Jiangsu, P. R. China

## 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

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

## **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 27<sup>th</sup>, 1996

**Updated on February 3<sup>rd</sup>, 2026**