

Or Ordentlich - Curriculum Vitae, June 30, 2021

PERSONAL DETAILS	<p>Date of Birth: January 6, 1983 Country of Birth: Israel Identity Number: 066162629 Nationality: Israeli Address: 18 Bloch Street, Giv'atayim, 53229, Israel Phone Number: (+972)54-4290-390 E-mail: or.ordentlich@mail.huji.ac.il</p>
HIGHER EDUCATION	<p>B.Sc. from the Dept. of Electrical Engineering, Tel Aviv University October, 2010, <i>cum laude</i>.</p> <p>M.Sc. from the Dept. of Electrical Engineering, Tel Aviv University June, 2011, <i>summa cum laude</i>.</p> <ul style="list-style-type: none">• Advisor: Uri Erez <p>Ph.D. from the Dept. of Electrical Engineering, Tel Aviv University Awarded on July 2016</p> <ul style="list-style-type: none">• Advisor: Uri Erez <p>Postdoctoral Fellow in the Laboratory for Information & Decision Systems, MIT and in the Department of Electrical and Computer Engineering, Boston University 2015 - 2017</p> <ul style="list-style-type: none">• MIT host: Yury Polyanskiy• Boston University host: Bobak Nazer
APPOINTMENTS AT THE HEBREW UNIVERSITY	<p>Senior Lecturer in the school of computer science and engineering 2017 - present</p>
ADDITIONAL FUNCTIONS/TASKS AT THE HEBREW UNIVERSITY	<ul style="list-style-type: none">• 2017-2019: Co-organizer of the computer science colloquium• 2019-present: Counselor for 3rd and 4th year students in the engineering track• 2020-present: Relations between the school of computer science and engineering and Bezalel academy of art and design
SERVICE IN OTHER ACADEMIC AND RESEARCH INSTITUTIONS	
OTHER ACTIVITIES	<ul style="list-style-type: none">• Guest editor for "Entropy" journal together with Prof. Amos Lapidoth and Prof. Ofer Shayevitz, special issue on "Combinatorial Aspects of Shannon Theory".

- Co-organizer of the Information Theory track at the International Conference on the Science of Electrical Engineering, Eilat, Israel, 2018.
- Technical program committee member of the IEEE Information Theory Workshop (ITW) 2020, Riva del Garda, Italy, of the International Symposium on Information Theory (ISIT) 2020, Los Angeles, USA, and 2021, Melbourne, Australia, and of the International Symposium on Wireless Communication Systems (ISWCS), Oulu, Finland, 2019, and Porto, Lisbon, 2018.
- Scientific committee member, Advanced Communication Center, Tel Aviv University.
- Journal refereeing: IEEE Transactions on Information Theory, IEEE Transactions on Communication, IEEE Journal of Selected Topics in Signal Processing, IEEE Transactions on Wireless Communication, IEEE Signal Processing Letters, SIAM Journal on Discrete Mathematics.
- Conference refereeing: IEEE International Symposium on Information Theory (ISIT), IEEE Information Theory Workshop (ITW), International Symposium on Information Theory and Its Applications (ISITA), Data Compression Conference (DCC), International Conference on the Science of Electrical Engineering (ICSEE), IEEE Wireless Communications and Networking Conference (WCNC), International Symposium on Wireless Communication Systems (ISWCS), IEEE International Workshop on Signal Processing Advances in Wireless Communications (SPAWK).
- Grant refereeing: Israel Science Foundation (ISF).

RESEARCH GRANTS

- 2017-2021: Israel Science Foundation (ISF) “Distributed Lossy Compression via Modulo Scalar Quantizers”, 290K NIS per year. #[A10], [A11], [A12], [A13], [A14], [A15], [A16], [A17], [A18], [A19], [A20], [C24], [C25], [C26], [C27], [C28], [C29], [C30], [C31], [C32], [C33], [C34], [C35], [C36], [C37].
- 2017-2021: Israel Science Foundation (ISF) “Laboratory of Digital Communication and Data Compression”, 67,200 NIS
- 2018-2020: Israel Innovation Authority under GENESIS Consortium “Coding and Modulation Techniques for Communication using Satellite Networks”, 430K NIS. #[A12], [A18]
- 2018-2019: Israel Innovation Authority under HEARON Consortium “5G next generation”, Or Ordentlich and Yuval Kochman, 100K/200K NIS. #[A15], [C27].
- 2018-2020: Mobileye Faculty Research Award, 30K USD [A16]

TEACHING AT THE HEBREW UNIVERSITY

Supervision of Master’s and doctoral degree students

Master degree students:

- 2018 - 2021 Dror Drach, co-supervisor Prof. Ofer Shayevitz from Tel Aviv University #[C34]
- 2019 -present Gilad Royz

PhD degree students:

- 2019 -present Tomer Berg, co-supervisor Prof. Ofer Shayevitz from Tel Aviv University, #[C32], [C37]
- 2020 -present Elad Romanov, co-supervisor Dr. Matan Gavish #[A12], [A15], [A17], [A18], [C27]
- 2020 -present Shlomi Agmon, co-supervisor Prof. Naftali Tishby #[C36]

Post-doctoral Fellows and Visitors

Post-doctoral fellows:

- 2019 -present Assaf Ben-Yishai #[A20], [C29], [C33]

Visitors:

- 2018 (3 months) Ferdinand Blomqvist (Ph.D. student at Aalto University), Research intern
- 2018 (3 months) Alankrita Bhatt (Ph.D. student at UCSD), Research intern. #[A16]

Supervision of undergraduate final project

- 2018-2019 Efi Fital and Daniel Poley (best project award)
- 2018-2019 Ori Ariel and Tamir Nachum
- 2020-2021 Barak Abadi and Daniel Shookroun

Courses taught:

- Introduction to Digital Communication (67746), Spring 2018
- Information Theoretic Methods in Statistics (67916), Fall 2018-2019 (co-taught with Prof. Yuval Kochman), Spring 2021
- Topics in Learning Theory (67901), Spring 2019 (co-taught with Dr. Amit Daniely)
- Introduction to Information and Inference (67548), Spring 2019, Fall 2019-2020
- Applied Signal Processing (67655), Spring 2020
- Advanced Signal Processing (67656), Fall 2020-2021
- Additional Topics in Signal Processing (67657), Fall 2020-2021