

PUBLICATIONS (updated February 3 2026)

Theses

M.Sc. thesis: "Bose Einstein condensation and the superconducting transition in coupled linear chain systems", Jerusalem, 1969.

Ph.D. thesis: "Microscopic treatment of spin-transport problems in metals near the superconducting transition or in the vicinity of the Peierls instability", Jerusalem, 1976.

Published papers

1. M. Weger, **T. Maniv**, A. Ron and K.H. Bennemann, "Effect of Superconducting Fluctuations on the Spin Relaxation of Quasi-1-d Compounds", *Phys. Rev. Lett.* **9**, 584-588 (1972).
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3. **T. Maniv** and S. Alexander, "Fluctuation Effects on N.M.R. in Superconductors", *Solid State Communication* **18**, 1197-1200 (1976).
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12. G. Korzeniewski, **T. Maniv** and H. Metiu, "The Interaction between an Oscillating Dipole and a Metal Surface", *Chem. Phys. Lett.* **73**, 212-217 (1980).
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14. **T. Maniv** and H. Metiu, "Electrodynamics at a Metal Surface: II. Fresnel Formulas for a Jellium Model within the R.P.A.", *J. Chem. Phys.* **76**, 2697-2713 (1982).
15. **T. Maniv** and H. Metiu, "Electrodynamics at a Metal Surface: III. Reflectance and the Photoelectron Yield of a Thin Slab", *J. Chem. Phys.* **76**, 696-709 (1982).
16. **T. Maniv**, "A Quasi-Hard Wall Model for the Scattering of Atomic Beams from Solid Surfaces", *Chem. Phys.* **65**, 177-184 (1982).
17. G. Korzeniewski, **T. Maniv** and H. Metiu, "Electrodynamics at a Metal Surface:
IV. The Electric Fields caused by the Polarization of a Metal

- Surface by an Oscillating Dipole", *J. Chem. Phys.* **76**, 1564-1573 (1982).
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