List of Publications

Ronnie Kosloff

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References


[39] I Schechter, R Kosloff, and RD Levine, Vibrational enhancement of the reaction rate and steric requirements in the h+ d₂ (ν) and d+ h₂ (ν′) reactions, Chemical Physics Letters, **121**(4), 297–300 (1985).


[41] I Schechter, R Kosloff, and RD Levine, Insertion vs. abstraction in the h + h₂ → h₂ + h exchange reaction, The Journal of Physical Chemistry, **90**(6), 1006–1008 (1986).


[97] VJ Barclay, Jhon C Polanyi, Yehuda Zeiri, and Ronnie Kosloff, Dynamics of surface-aligned photochemistry. iii. a quantum mechanical study of the photodissociation of HBr(ad)/LiF(001), The Journal of Chemical Physics, 98(11), 9185–9198 (1993).


[103] Uri Banin, Ronnie Kosloff, and Sanford Ruhman, Vibrational relaxation of nascent diiodide ions studied by femtosecond transient resonance impulsive stimulated raman scattering (trirs); experiment and simulation, Chemical Physics, 183(2), 289–307 (1994).


[105] Uri Peskin, Ronnie Kosloff, and Nimrod Moiseyev, The solution of the time dependent schrödinger equation by the \( (t, t) \) method: The use of global polynomial propagators for time dependent hamiltonians, The Journal of Chemical Physics, 100(12), 8849–8855 (1994).


[154] V Kokoouline, O Dulieu, and F Masnou-Seeuws, Theoretical treatment of channel mixing in excited \(Rb_2\) and \(Cs_2\) ultracold molecules: Perturbations in \(0_u^+\) photoassociation and fluorescence spectra, Physical Review A, 62(2), 022504 (2000).


[306] Raam Uzdin, Amikam Levy, and Ronnie Kosloff, Quantum heat machines equivalence and work extraction beyond markovianity, and strong coupling via heat exchangers, Entropy, 18, 124 (2016).


[332] Shimshon Kallush, Aviv Aroch, and Ronnie Kosloff, Quantifying the unitary
generation of coherence from thermal quantum systems, Entropy, 21, 810
(2019).

[333] B. Ohayon, H. Rahangdale, J. Chocron, Y. Mishnayot, R. Kosloff, O. Heber,
and G. Ron, Imaging recoil ions from optical collisions between ultracold,

[334] Ido Schaefer and Ronnie Kosloff, Optimization of high-harmonic generation
by optimal control theory: Ascending a functional landscape in extreme con-

[335] Roie Dann and Ronnie Kosloff, Quantum signatures in the quantum carnot

[336] Alhun Aydin, Altug Sisman, and Ronnie Kosloff, Landauer principle in a
quantum szilard engine without maxwell demon, Entropy, 22(3), 294 (2020).

[337] Roie Dann, Ander Tobalina, and Ronnie Kosloff, Fast route to equilibration,