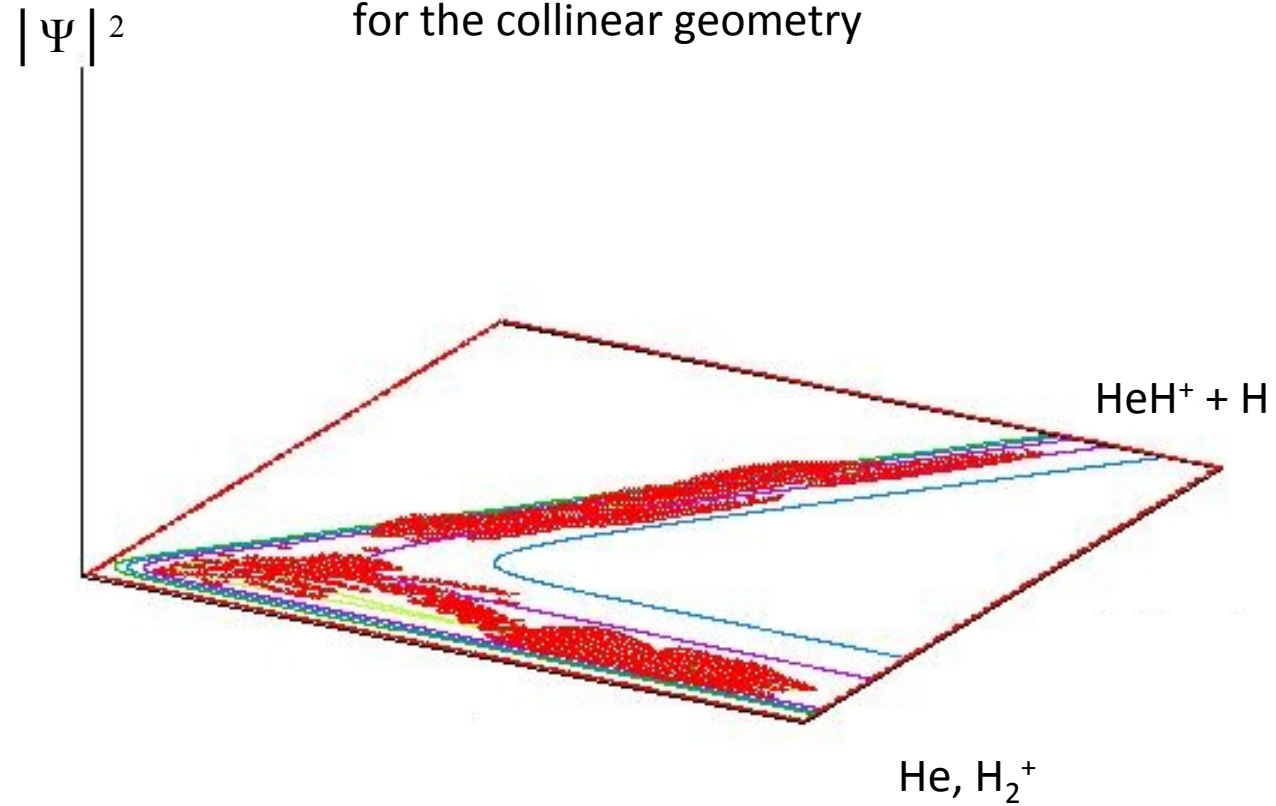


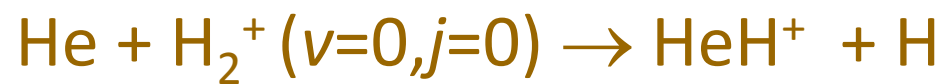
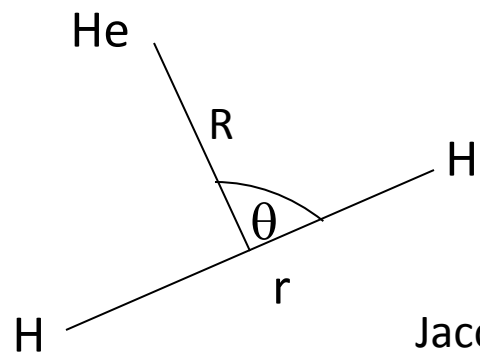
Supplementary Material
Time-dependent quantum mechanical wave
packet dynamics

Narayanasami Sathyamurthy and Susanta Mahapatra

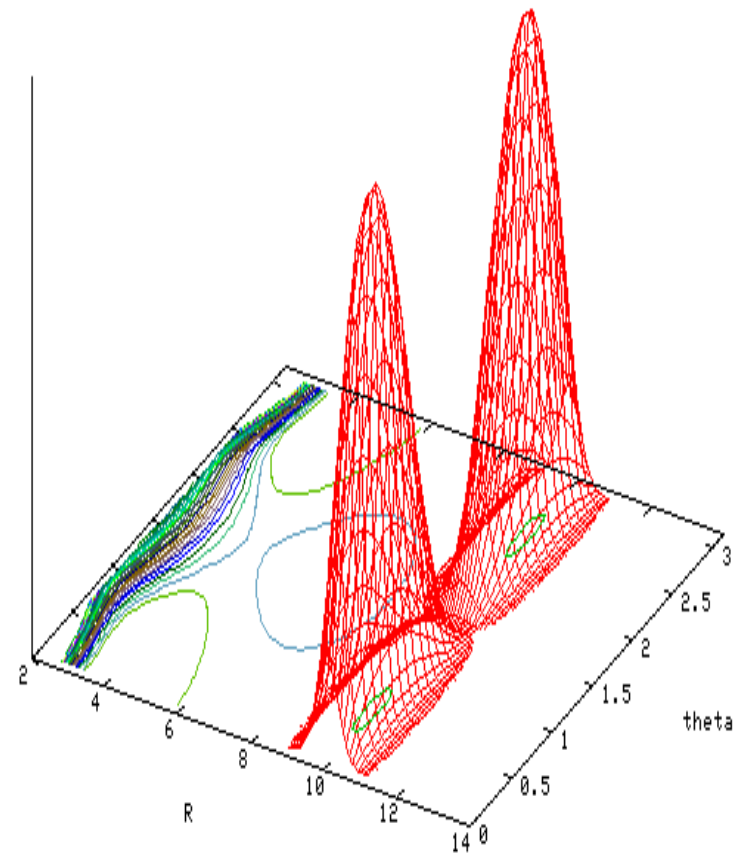
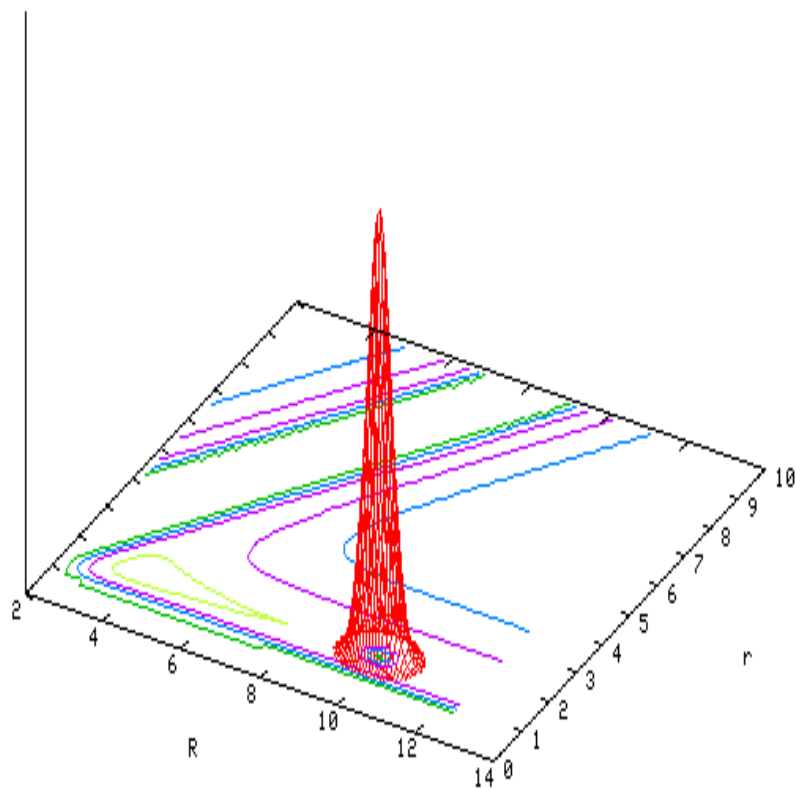
He + H₂⁺ → HeH⁺ + H reaction in scaled and skewed coordinates
for the collinear geometry



Wave packet dynamics for several hundred femtoseconds



Jacobi coordinates



Wave packet dynamics in three dimensions