

COMPUTER SIMULATED INVESTIGATIONS ON  
QUASI-THERMODYNAMICAL DESCRIPTION OF  
SPUTTERED BEAMS

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**Abstract**

A particle beam source of the energy distribution  $f(E) = E(E + E_b)^{-3}$  was simulated ( $E_b$  the surface binding energy, emission was described by exponential time distribution) hitting a linear oscillator by given frequency and mass. The means of  $x^2$  of the oscillator were computed.