

LIGHT PRESSURE ON ATOMS IN THE FIELD  
OF COUNTERPROPAGATING WAVES  
WITH STOCHASTIC AMPLITUDES

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S u m m a r y

The numerical simulation of the light pressure on atoms in the field of counterpropagating waves with stochastic amplitudes has been carried out. It has been shown that, similarly to the light pressure exerted in the field of two counterpropagating bichromatic waves, the light pressure on an atom in counterpropagating stochastic waves, with one of them repeating the other with some delay, may considerably exceed the pressure exerted in the field of a single running wave.