OPTIMAL ALGORITHMS FOR EVALUATION
OF PROCESSES OF MICROVIBRATIONS
OF OBJECTS IN SYSTEMS OF
HOLOGRAPHIC INTERFEROMETRY

V.G. Popov, A.A. Sirota, V.A. Shulgin

The synthesis and the analysis of optimum in a class of linear algorithms of an evaluation (restoration) of processes of micro-vibrations of objects in the system of holographic interferometry are made. Dependences of mistakes of restoration of Markovian Gaussian process of micro-vibrations on dispersion and coefficient of correlation are received.