CONTENTS OF NEXT ISSUE

Volume 46, Issue 3, 1982

- AUSLENDER E.I. and MIL'SHTEIN G.N.: Liapunov's asymptotic exponent of expansion for the linear stochastic systems with little noise.
- BLINOV A.P.: On the optimal stabilization of controllable systems.
- IL'IASHENKO Iu.S. and CHETAEV A.N.: On the dimension of attractors for a class of dissipative systems.
- KUZ'MINA L.K.: On certain properties of solutions of singularly perturbed systems in a particular critical case.
- GUBIN Iu.P. LOMOV S.A. and SAFONOV V.F.: Point resonance in a system of two oscillators.
- VARKHALEV Iu.P. and GORR G.V.: A new class of asymptotically uniform motions of a heavy solid body with a fixed point.
- POZHARITSKII G.K.: Integral restriction of controlling in the encounter game.
- SLOBOZHANIN L.A.: The branching of equilibrium states of an isolated rotating liquid mass.
- -KRAIKO A.N.: On correctness of the Cauchy problem for a two-fluid model of a gas flow containing particles.
- MEN'SHOV I.S.: Problem of a piston in stratified gas with weakly changing parameters.
- GOGOSOV V.V., SHAPOSHNIKOVA G.A. and SHIKHMURZAEV Iu.D.: Qualitative analysis of electrohydrodynamic characteristics of weakly conducting fluids.
- BAZARENKO N.A.: Asymptotic behavior of the solution of elasticity theory problems for shells of positive curvature and small thickness.
- KHLUDNEV A.M.: On variational inequality for an operator of dynamics of elastic rod.
- PILIPCHUK V.N.: On essentially nonlinear dynamics of arches and rings.
- SINAISKII E.S.: On almost Chebyshevian approximation to certain operators of the hereditary theory of elasticity.
- GOL'DSHTEIN R.V. and SHIFRIN E.I.: Plane crack of an arbitrary discontinuity in a bounded body.
- FIL'SHTINSKII L.A.: Interaction of stress waves with curvilinear tunnel cracks of longitudinal shear in a half-space.
- SUMBATIAN M.A.: On an analytic approach to three-dimensional contact problems of elasticity theory.
- LIFANOV I.K. and SAAKIAN A.V.: Method of numerical solution of the problem of impressing a moving stamp into an elastic half-plane, taking heat generation into account.
- LEVIN V.M.: On thermoelastic stresses in composite media.
- ISPOLOV Iu.G.: On Appel's equation in nonlinear quasi-accelerations and quasi-velocities.
- MARKHASHOV L. M.: Analytic symmetries and the properties of phase trajectories.
- ARKHANGEL'SKAIA M.Iu.: On motion of the Kovalevskaia gyroscope in a particular degeneration case.
- SHMELEVA I.V.: On stability of motion of a gyroscope in gimbals and the evaluation of deflections.
- SAFARIAN M.N. and CHERNOV A.A.: On computing a flow of a binary gas mixture.
- BERMAN V.S. and VOSTOKOV V.V.: Exact solution of a nonlinear boundary value problem of the theory of chemical reactors.
- ZHITNIKOV Iu.V. and TULINOV B.M.: Equilibrium state of a cut along a circumferential arc in complex stress state.