REFERENCES

Akhmetov, M.V., Perestyuk, N.A.

(1) On the almost periodic solutions of a class of systems with impulse effect. Ukr. Math. Jour. 36, (1984), 486-490.

systems of differential equations with impulses. Fo appear.

Existence of periodic solutions of continent systems of

Bainov, D. D. and Dishliev, A.B.

- (1) Sufficient conditions for absence of "beating" in systems of differential equations with impulses, Appl. Anal. 18 (1984), 67-73.
- (2) Conditions for the absence of the phenomenon "beating" for systems of impulse differential equations, Bull. Inst. Math. Acad. Sinica, 13, (1985), 237-256.
- (3) Continuous dependence on the initial condition of the solution of a system of differential equations with variable structure and with impulses, Publ. RIMS. Kyoto Univ, 23, (1987), 923-936.

Di-Ri. (1985), M. Mang. L. Math. 16. (1985), 19-40.

Stability in linear approximation of s

Bainov, D.D. and Kulev, G.

- (1) Application of Lyapunov's direct method to the investigation of global stability of solutions of systems with impulse effect. Appl. Anal. 26, (1988), 255-270.
- (2) On the asymptotic stability of systems with impulses by the direct method of Lyapunov. To appear in Jour. Math. Anal. Appl.
- (3) Second method of Lyapunov and comparison principle for systems with impulse effect. To appear.
- (4) Boundedness of solutions of systems with impulses with respect to sets. To appear.

Bainov, D.D. and Hristova, S.G.

- (1) Existence of periodic solutions of nonlinear systems of differential equations with impulse effect. Jour. Math. Anal. App., 125, (1987), 192-202.
- (2) Monotone iterative method for solving periodic problem for systems of differential equations with impulses. To appear.
- (3) Application of Lyapunov's functions for finding periodic solutions of systems of differential equations with impulses. (To appear).

Bainov, D.D., Hu, Shouchuan, Hristova, S.G. and Lakshmikantham, V.

Continuous dependence on the initial condition of the solution

differential equations with impulses, Appl. Anal. 18 (1984),

(1) Periodic boundary value problems for systems of first order impulsive differential equations. To appear in J. Diff. and Int. Equations.

Bainov, D.D. and Simeonov, P.S..

(1) The second method of Lyapunov for systems with an impulse effect. Tamkang J. Math., 16, (1985), 19-40.

(8)

- (2) Stability in linear approximation of systems with impulse effect. Rend. Sem. Mat. Univers. Politean, Torino, 43, (1985), 303-322.
- (3) Stability under persistent disturbances for systems with impulse effect. Jour. Math. Anal. Appl. 109, (1985), 546-563.
- (4) Stability of solutions of singularly perturbed systems with impulse effect. Int. J. Comp. and Math in Electrical and Electronic Engg. 5, (1986), 95-108.
- (5) Stability of solutions of a system of integro-differential equations with impulse effect. Math. Rep. Toyama Univ. 9, (1986), 1-24.

- (6) Integral and differential inequalities for a class of piecewise continuous functions, Czechoslovak Math. Jour. 36, (1986), 417-425.
- (7) Stability with respect to part of the variables in systems with impulse effect. Jour. Math. Anal. Appl. 124, (1987), 547-560.
- (8) On an integral inequality for piecewise continuous functions, Jour. Math. Phy. Sci., 21, (1987), 315-323.
- (9) On an integral inequality for piecewise continuous functions,

 Compes Rendus de l'Academie Bulgare des Sciences, 40,

 (1987), 19-20.
- (10) Differentiability of solutions of systems with impulse effect with respect to initial data and parameter, Bull. Inst. Math. Acad. Sinica, 15, (1987), 251-269.
- (11) Asymptotic equivalence of a linear and nonlinear system with impulse effect. Edinburg Math. Soc., 31, (1988), 157-163.
- (12) Exponential stability of singularly perturbed systems with impulse effect. To appear in Dynamics and Stability of Systems.

Bellman, R.E.

(1) Topics in pharmacokinetics, III: Repeated dosage and impulse control, Math. Biosci. 12, Nos. 1-2, (1971).

Deo, S. G. and Pandit S. G.

The stability of some feedback systems with dela

Blaguiere, A.

(1) Differential games with piecewise continuous trajectories, Differential Games and Applications, Edited by Hagedorn, H. W. Knobloch, and G. J. Olsder, Springer-Verlag, Berlin, 1977.

Differential systems involving impulses, Lecture M

A threshold model of antigen antibody dynamics with fading

memory; Nonlinear Phenomena in Mathematical Science,

Borisenko, S.D.

(1) On the asymptotic stability of solutions of systems with impulse effect. Ukr. Math. Jour. 35, (1983), 144-150.

Case, J.

 Impulsively controlled differential games, The Theory and Application of Differential Games, Edited by J. D. Grote,
 D. Reidel Publ. Co., Dordrecht, 1975.

(1387): TB-20.

Stability with respect to part of the variables in systems with

Chernikova, O.S. and Perestyuk, N.A.

(1) On the problem of stability of solutions of systems of differential equations with impulse effect. Ukr. Math. Jour. 36, (1984), 190-195.

Compes Readus de l'Academie Bulgare des Sciences, 40,

Chohryakov, A.Y. and Myshkis, A.D.

(1) Future dynamical systems. I. Singular points on the plane.

Math. Sbornik. 45, (1958), 400-414.

Stability in linear approximation of systema, with ampul

Chorduneanu, C. and Luca, N.

(1) The stability of some feedback systems with delay,

Jour. math. Anal. Appl., 51, (1975), 377-386.

Deo, S. G. and Pandit S. G.

(1) Differential systems involving impulses, Lecture Notes 954,
Springer-Verlag, Berlin, 1982.

W. H. Intobergett V.B. bestelle Bilde Ropite Bild Ropite Belle Bel

FIRE HERE TO SEE SEED STREET THE SEED STREET THE SEED STREET

Gatica, J. A. and Waltman, P.

(1) A threshold model of antigen antibody dynamics with fading memory; Nonlinear Phenomena in Mathematical Science,

Edited by V. Lakshmikantham, Academic Press, New York, (1982).

Lo appace.

- (2) Existence and uniqueness of solutions of a functional differential equation modeling thresholds, Nonlinear Analysis, 8, (1984), 1215-1222.
- (3) A system of functional differential equations modeling threshold phenomena. Appl. Anal. 28, (1988), 39-50.

Gopalsamy, K. and Zhang, B.G.

- (1) On delay differential equations with impulses, To appear in Jour. Math. Anal. Appl.
- (2) Global attractivity in the delay logistic equation with variable parameters, To appear in Proc. Comb. Phi. Soc..

Gurgula, S.I.

(1) A study of the stability of solutions of impulse systems by Lyapunov's second method. Ukr. Math. J., 34, (1982), 100-103.

(1) Formal theory of drug dosage regiments. L. Jour. Theo.

Biotogy, 13, (1966).

Lakshmikantham, V., Leela, S. and Martynyuk, A.

Gurgula, S.I. and Perestyuk, N.A.

- (1) On Lyapunov's second method for systems with impulse effect.

 Reports of Acad. Sci. Ukr. SSR. Ser. A., (1982), 11-14.
- (2) Lyapunov's direct method for differential equations with impulse effect. Math. Phy. and Nonlinear Mech. 5, (1986), 4-9.

Halanai, A. and Wexler, D.

(1) Qualitative theory of impulsive systems, Editura Academiei Republici Socialiste Romania, Bucuresti, 1968 ("Mir", Moscow, 1971).

Hu, Shouchuan and Lakshmikantham, V.

- (1) Periodic boundary value problems for second order impulsive differential systems. To appear in Nonlinear Analysis.
- (2) Existence and continuation results for impulsive differential equations. To appear.
- (3) Continuous dependence and differentiability of solutions with respect to initial values of impulsive differential equations.

 To appear.

Gopaisamy, K. and Zhang, B.G.

Hu, Shouchuan, Lakshmikantham, V. and Leela, S.

(1) Impulsive differential systems and the pulse phenomena.

To appear in Jour. Diff. and Int. Equations.

Kaul, Saroop.

(1) On impulsive semi-dynamical systems. To appear.

A study of the stability of solutions of impulse systems by

variable parameters, To appear in Proc. Comb. Phi. Soc...

Kruger-Thiemer, E.

(1) Formal theory of drug dosage regiments, I. Jour. Theo.

Biology, 13, (1966).

Lakshmikantham, V. and Leela, S.

(1) Differential and integral inequalities, Vol. I and II,
Academic Press, New York, 1969.

On Lyapunov's second method for systems with impulse effect.

Lakshmikantham, V., Leela, S. and Martynyuk, A.

(1) Stability analysis of nonlinear systems. Marcel Dekker,
New York, 1988.

Republici Socialiste Romania, Bucuresti, 1968 ("Mir", Moscow,

Lakshmikantham, V. and Liu Xinzhi

- (1) Stability criteria for impulsive differential equations in terms of two measures. To appear in Jour. Math. Anal. Appl..
- (2) Stability for impulsive differential systems in terms of two measures. To appear in Appl. Math. Comp.

AC-12 (1967), 43-45. sunstays

(3) On quasistability for impulsive differential systems.

To appear in Nonlinear Analysis.

Liu, Xinzhi.

(1) Quasi-stability via Lyapunov functions for impulsive differential systems. To appear.

Liu Xinzhi and Pirapikaran, R.

- (1) Global stability results for impulsive differential equations,

 To appear in Appl. Anal..
- (2) Asymptotic stability for impulsive differential systems,

 To appear in Appl. Math. and Comp..

Mil'man, V.D. and Myshkis, A.D..

(1) On the stability of motion in the presence of impulses, Sib. Math J. 1, (1960), 233-237.

variables, Memorandum from Inst@05e3@@Loth8@4ks. University

(2) Random impulses in linear dynamical systems. Approximate Methods of Solution of Differential Equations. Publ. House Acad. Sci. Ukr. SSR, Kiev, (1963), 64-81.

Existence, Uniqueness and continuablifulate (diffil) as af amount

Myshkis, A.D. and Samoilenko, A.M..

(1) Systems with impulses with prescribed moments of time. Mat. Sbornik. 74, (1967), 202-208.

Pavlidis, T..

(1) Optimal control of pulse frequency modulated systems,
IEEE Trans. Automatic Control, AC-11, (1966), 676-684.

Lakshmikantham, V. and Liu Xinzhi V. madinasimd

Liu. Xinghi.

- (2) Stability of a class of discontinuous dynamical systems, Information and Control, 9, (1966), 298-322.
- (3) Stability of systems described by differential equations containing impulses, IEEE. Trans. Automatic Control, AC-12 (1967), 43-45.

Perestyuk, N.A. and Samoilenko, A.M..

- (1) Stability of solutions of differential equations with impulse effect.

 Diff. Uravn., 13 (1977), 1981-1992.
- (2) Periodic solutions of weakly nonlinear systems with impulse effect, Diff. Uravn., 6, (1978), 1034-1042.
- (3) Periodic and almost periodic solutions of differential equations with impulse effect. Ukr. Math. Jour. 1, (1981), 66-73.
- (4) On the stability of systems with impulse effect. Diff. Uravn, 11, (1981), 1995-2001.
- (5) Differential equations with impulse effect. Kiev, "Višča Škola",

Pierce, J. G. and Schumitzky, A..

Optimal impulsive control of compartmental models,
 I: Qualitative Asects; Jour. Opt. Theo. and Appl., 18,
 (1976), 537-534.

(2) Optimal impulsive control of compartmental models,II: Algorithm; Jour. Opt. Theo. and Appl., 26, (1978), 581-599.

Sbornik, 74, (1967), 202-208.

Pirapikaran, R.

(1) Impulsive integral inequalities of Gronwall-Bihari type, to appear in Jour. Diff. and Int. Equations.

Rama Mohana Rao, M., Sathananthan, S. and Sivasundaram, S..

(1) Asymptotic behaviour of solutions of impulsive integro-differential systems. To appear.

Rozko, V.F..

- (1) A class of almost periodic motions in pulsed systems, Diff. Uravn, 8, (1972), 2012-2022.
- (2) Stability in terms of Lyapunov of discontinuous dynamic systems, Diff. Uravn, 11, (1975), 1005-1012.

Seierstad, Atle.

- (1) Existence of an optimal control with sparse jumps in the state variables, Memorandum from Institute of Economics, University of Oslo, 1981.
- (2) Necessary and sufficient for optimal control with jumps in the state variables, Memorandum from Institute of Economics, University of Oslo, 1981.

Simeonov, P.S..

- (1) Existence, Uniqueness and continuability of solutions of systems with impulse effect, Godishnik VUZ Appl. Math. 22(1986).
- (2) Continuous dependence of solutions of systems with impulse effect on the initial data and a parameter, Godishnik VUZ Appl. Math, 22 (1986), 57-67.