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2. Application de la méthode topologique de T. Ważewski à l'examen de l'instabilité de la solution banale d'un système d'équations différentielles, vol. XXXIII (1977), p. 255–265.
3. Remarque sur la stabilité dans le cas d'une équation linéaire à paramètre retardé avec une perturbation non linéaire, vol. XXXV (1977), p. 49–54.
4. Une remarque sur l'allure des solutions d'une équation différentielle, vol. XXXV (1977), p. 117–127.
5. Sur la stabilité asymptotique de la solution d'un système d'équations différentielles à paramètre retardé, vol. XXXV (1977), p. 129–138.
6. Remarque sur la méthode de la variation de la constante généralisée, vol. XXXVII (1980), p. 199–209.
7. Sur le prolongement à gauche de l'intégrale d'une équation différentielle à paramètre retardé, vol. XXXVII (1980), p. 211–218.
8. Une remarque sur le théorème de Jürgen Witte sur l'unicité de la solution de l'équation différentielle  $y' = f(x, y)$ , vol. XXXVIII (1980), p. 51–64.

**Mikusiński, J.**

1. (and A. Kamiński, Pl. Kannappan) Distributional solutions in information theory, I, vol. XXXVI (1979), p. 101–110.

**Miller, S. S.**

1. On a class of starlike functions, vol. XXXII (1976), p. 77–85.

**Mitchell, A. R.**

1. (and V. Lakshmikantham, R. W. Mitchell) Maximal and minimal solutions and comparison results for differential equations in abstract cones, vol. XXXIV (1977), p. 317–324.
2. (and V. Lakshmikantham, R. W. Mitchell) On the existence of solutions of differential equations of retarded type in a Banach space, vol. XXXV (1978), p. 253–260.

**Mitchell, J.**

1. Lipschitz spaces of holomorphic and pluriharmonic functions on bounded symmetric domains in  $C^N$  ( $N > 1$ ), vol. XXXIX (1981), p. 131–141.

**Mitchell, R. W.**

1. (and V. Lakshmikantham, A. R. Mitchell) Maximal and minimal solutions and comparison results for differential equations in abstract cones, vol. XXXIV (1977), p. 317–324.
2. (and V. Lakshmikantham, A. R. Mitchell) On the existence of solutions of differential equations of retarded type in a Banach space, vol. XXXV (1978), p. 253–260.

**Mlak, W.**

1. On a theorem of Lebow, vol. XXXV (1977), p. 107–109.
2. (and A. Weron) Dilations of Banach space operator valued functions, vol. XXXVIII (1980), p. 295–303.

**Moór, A.**

1. Über aus einem  $k$ -Bein bildbare Übertragungsparameter, vol. XXXIV (1977), p. 47–52.

**Moss, W. F.**

1. Approximation of exterior conformal mappings, vol. XXXV (1977), p. 55–66.

**Moszner, Z.**

1. (et J. Tabor) L'équation de translation sur une structure avec zéro, vol. XXXI (1976), p. 255–264.

2. Sur les groupes de fonctions, vol. XXXVII (1980), p. 175–178.
3. Sur le prolongement de la solution de l'équation de translation, vol. XL (1983), p. 239–244.

**Müller-Pfeiffer, E.**

1. Verallgemeinerungen eines Satzes von Leighton über die Oszillation selbstadjungierter Differentialgleichungen, vol. XL (1983), p. 259–270.

**Myers, D. E.**

1. On ultra-weak convergence in  $L^p$ , vol. XXXII (1976), p. 71–75.

**Myjak, J.**

1. Boundary value problem for functional differential equations, vol. XXXII (1976), p. 23–31.

**Nasr, M. A.**

1. On the Hardy class of certain subclass of Bazilevič function, vol. XXXIV (1977), p. 265–268.

**Nguyen Quy Hy**

On the probability model for solving some integral equations of second type, vol. XXXI (1975), p. 91–114.

**Nguyen Thanh Van**

1. Familles de polynômes ponctuellement bornées, vol. XXXI (1975), p. 83–90.
2. Fonctions séparément analytiques et prolongement analytique faible en dimension infinie, vol. XXXIII (1976), p. 71–83.

**Noverraz, Ph.**

1. Sur la topologie tonnelée associée à la topologie de Nachbin, vol. XXXIII (1976), p. 85–89.

**Okrasinski, W.**

1. On the existence and uniqueness of non-negative solutions of a certain non-linear convolution equation, vol. XXXVI (1979), p. 61–72.
2. On a non-linear convolution equation occurring in the theory of water percolation, vol. XXXVII (1980), p. 223–229.

**Orlicz, W.**

1. (and S. Szusla) Generic properties of infinite system of integral equations in Banach spaces, vol. XL (1981), p. 67–79.

**Padmanabhan, K. S.**

1. (and R. Parvatham) Properties of a class of functions with bounded boundary rotation, vol. XXXI (1976), p. 311–323.
2. (and R. Parvatham) On a certain generalized close-to-star functions in the unit disc, vol. XXXVII (1980), p. 1–11.

**Palczewski, B.**

1. (and A. Mieczko) On convergence of successive approximations of some generalized contraction mappings, vol. XL (1983), p. 213–232.

**Parvatham, R.**

1. (and K. S. Padmanabhan) Properties of a class of functions with bounded boundary rotation, vol. XXXI (1976), p. 311–323.
2. (and K. S. Padmanabhan) On a certain generalized close-to-star functions in the unit disc, vol. XXXVII (1980), p. 1–11.

**Paszek, G.**

1. (and P. Besala) Differential-functional inequalities of parabolic type in unbounded regions, vol. XXXVIII (1980), p. 217–228.

**Pelczar, A.**

1. (and Z. Denkowski) On the existence and uniqueness of solutions of some partial differential functional equations, vol. XXXV (1978), p. 261–304.
2. A local version of the generalized retract theorem of Ważewski with applications in the theory of partial differential equations of first order, vol. XXXVI (1979), p. 11–28.

**Pianigiani, G.**

1. Existence of invariant measure for piecewise continuous transformations, vol. XL (1981), p. 39–45.

**Piotrowska, J.**

1. Extremal problems in some classes of univalent functions in a half-plane, vol. XXXIV (1977), p. 201–220.

**Piórek, J.**

1. On integral equations in a Banach space, vol. XXXVI (1979), p. 111–121.

**Przeworska-Rolewicz, D.**

1. Admissible initial operators for superpositions of right invertible operators, vol. XXXIII (1977), p. 311–318.

**Radziszewski, K.**

1. Specialization of a frame and its geometrical interpretation, vol. XXXV (1978), p. 229–246.

**Ронкин, Л.И. (Ronkin, L.I.)**

1. (и П.З. Агранович) О функциях вполне регулярного роста многих переменных. ([P. Z. Agranovič] On the functions with completely regular growth of several variables), vol. XXXIX (1981), p. 239–254.

**Rossberg, H. J.**

1. New viewpoint, results and problems in the theory of Phragmen–Lindelöf, vol. XXXIII (1976), p. 91–100.

**Rudin, W.**

1. The finiteness of compact varieties in  $C^n$ , vol. XXXIX (1981), p. 143–147.

**Rzepecki, B.**

1. On infinite systems of differential equations with deviated argument I, vol. XXXI (1975), p. 159–169.
2. Some properties of a non-linear integral Volterra equation with deviated argument II, vol. XXXI (1976), p. 241–253.
3. On infinite systems of differential equations with deviated argument III, vol. XXXIV (1977), p. 251–264.
4. A functional differential equation in a Banach space, vol. XXXVI (1979), p. 95–100.
5. Some remarks on an operator equation in a Banach space, vol. XXXVII (1980), p. 167–174.

**Sadlok, Z.**

1. (and Z. Tyc) On Hermite expansions of  $x^k$  and  $\ln|x|$ , vol. XXXIV (1977), p. 63–68.
2. On Hermite expansion of  $x_+^k$ , vol. XXXVIII (1980), p. 159–169.

**Schiffer, M. M.**

1. Stefan Bergman (1895–1977), vol. XXXIX (1981), p. 5–9.
2. Fredholm eigenvalues of Grunsky matrices, vol. XXXIX (1981), p. 149–164.

**Schneider, M.**

1. Über Randwertprobleme für Gleichungen vom gemischten Typ im  $R^3$  (I), vol. XXXIV (1977), p. 1–12.
2. Über Randwertprobleme für Gleichungen vom gemischten Typ im  $R^3$  (II), vol. XXXIV (1977), p. 43–45.

**Schneider, R.**

1. Remark on a conjectured characterization of the sphere, vol. XXXI (1975), p. 187–190.

**Shah, S. M.**

1. (and S. K. Bajpai) Approximation and interpolation of entire functions and generalized orders, vol. XXXVII (1980), p. 157–166.

**Shetiya, V. S.**

1. (and H. S. Gopalakrishna) Coefficient estimates for spirallike functions, vol. XXXV (1977), p. 1–9.

**Shirali, S.**

1. Uniform convergence of Galerkin-type method for a non-linear boundary value problem, vol. XXXIV (1977), p. 221–231.

**Sibony, N.**

1. (and Pit-Man Wong) Some remarks on the Casorati–Weierstrass theorem, vol. XXXIX (1981), p. 165–174.

**Siciak, J.**

1. Extremal plurisubharmonic functions in  $C^n$ , vol. XXXIX (1981), p. 175–211.

**Singh, P.**

1. (and P. L. Bajpai) The radius of univalence of certain analytic function, vol. XXXII (1976), p. 119–128.

**Singh, Gautam S. K.**

1. (and S. K. Bajpai, S. S. Bajpai) Generalizations of growth constants I, vol. XXXVII (1980), p. 13–24.

**Sivek, E.**

1. Classification des densités vectorielles factorisées, vol. XXXII, (1976), p. 273–285.

**Skalska, K.**

1. Certain subclasses of the class of typically real functions, vol. XXXVIII (1980), p. 141–152.

**Skórnik, K.**

1. On tempered integrals and derivatives of non-negative orders, vol. XL (1981), p. 47–58.

**Skwarecki, M.**

1. Some applications of the theorem on rational approximation in the mean, vol. XXXIII (1976), p. 101–106.
2. The ideal boundary of a domain in  $C^n$ , vol. XXXIX (1981), p. 213–226.

**Sladek, A.**

1. Grothendieck and Witt groups in the reduced theory of quadratic forms, vol. XXXVIII (1980), p. 13–25.

**Słociński, M.**

1. Szegő type property for two doubly commuting contractions, vol. XXXVI (1979), p. 49–53.
2. On the Wold-type decomposition of a pair of commuting isometries, vol. XXXVII (1980), p. 255–262.

**Smajdor, W.**

1. On continuous solutions of the Schröder equation, vol. XXXII (1976), p. 111–118.

**Stein, K.**

1. Dependence of meromorphic mappings, vol. XXXIII (1976), p. 107–115.

**Stoll, M.**

1. The space  $N_*$  of holomorphic functions on bounded symmetric domains, vol. XXXII (1976), p. 95–110.
2. Mean growth and Taylor coefficient of some topological algebras of analytic functions, vol. XXXV (1977), p. 139–158.
3. Radial limits of the Poisson kernel on the classical Cartan domains, vol. XXXVIII (1980), p. 207–216.

**Szafraniec, F. H.**

1. Note on a general dilation theorem, vol. XXXVI (1979), p. 43–47.

**Szarski, J.**

1. Strong maximum principle for non-linear parabolic differential-functional inequalities in arbitrary domains, vol. XXXI (1975), p. 197–203.

**Szczyrba, W.**

1. Lagrangian formalism in the classical field theory, vol. XXXII (1976), p. 145–185.

**Székelyhidi, L.**

1. Remark on a paper of M. A. McKiernan, vol. XXXVI (1979), p. 245–247.

**Szmydt, Z.**

1. On homogeneous rotation invariant distributions and the Laplace operator, vol. XXXVI (1979), p. 249–259.
2. (and B. Zieman) Fundamental solution  $E_n$  of the operator  $\partial^2/\partial t^2 - \Delta_n$  for  $n > 3$ , vol. XXXVI (1979), p. 277–286.

**Szufla, S.**

1. On the structure of solutions sets of differential and integral equations in Banach spaces, vol. XXXIV (1977), p. 165–177.
2. On infinite systems of Volterra integral equations in Banach spaces, vol. XXXVIII (1980), p. 187–194.
3. (and W. Orlicz) Generic properties of infinite system of integral equations in Banach spaces, vol. XL (1981), p. 67–79.

**Szymański, W.**

1. Szegő-type properties in a non-commutative case, vol. XXXIV (1977), p. 97–105.
2. Antisymmetric operator algebras, I, vol. XXXVII (1980), p. 263–274.
3. Antisymmetric operator algebras, II, vol. XXXVII (1980), p. 299–311.

**Taberski, R.**

1. Approximation of functions possessing derivatives of positive orders, vol. XXXIV (1977), p. 13–23.

**Tabor, J.**

1. (et Z. Moszner) L'équation de translation sur une structure avec zéro, vol. XXXI (1976), p. 255–264.
2. (and S. Midura) The translation equation on a direct product of groups, vol. XXXV (1978), p. 223–228.

**Tammi, O.**

1. Use of the power inequality in connection of coefficient regions for bounded univalent functions, vol. XXXIII (1976), p. 117–123.

**Taneja, I. J.**

1. On the branching property of entropy, vol. XXXV (1977), p. 67–75.

**Targoński, Gy.**

1. Orbit properties of functions and "Pre-Abel" equations, vol. XXXIII (1977), p. 247–253.

**Telega, J. J.**

1. On affine geometric product objects, vol. XXXIV (1977), p. 197–200.

**Terjéki, J.**

1. On the asymptotic stability of solutions of functional differential equations, vol. XXXVI (1979), p. 299–314.

**Tkacz, M.**

1. (and J. Grochulski, T. Konik) On the tangency of sets in metric spaces, vol. XXXVIII (1980), p. 121–131.

**Topa, S.**

1. On  $D$ -connected sets in the space  $V^q$ , vol. XXXI (1976), p. 221–231.

**Traple, J.**

1. Boundary value problem for differential and difference second order systems, vol. XXXV (1977), p. 167–186.

**Turo, J.**

1. (and M. Kwapisz) Existence and uniqueness of solutions of non-linear functional equations of  $r$ -th order, vol. XXXI (1975), p. 145–157.
2. (and M. Kwapisz) On some class of non-linear functional equations, vol. XXXIV (1977), p. 85–95.

**Tutschke, W.**

1. Boundary value problems for generalized analytic functions of several complex variables, vol. XXXIX (1981), p. 227–238.

**Tyc, Z.**

1. (and Z. Sadlok) On Hermite expansions of  $x^k$  and  $\ln|x|$ , vol. XXXIV (1977), p. 63–68.

**Ulewicz, B.**

1. On fixed points of continuous real functions, vol. XXXI (1975), p. 55–63.

**Umarani, P. G.**

1. The radius of close-to-convexity of  $V_k(\varrho)$ , vol. XL (1983), p. 290–294.

**Ursescu, C.**

1. A differentiable dependence of the right-hand side of solutions of ordinary differential equations, vol. XXXI (1975), p. 191–195.

**Vaish, S. K.**

1. On the mean values of an entire Dirichlet series of order zero, vol. XXVII (1980), p. 149–155.

**Verma, A.**

1. On products generalized Appell polynomials, vol. XXXI (1976), p. 205–212.

**Vidav, I.**

1. (and J. Globevnik) On a class of vector-valued analytic functions, vol. XXXI (1975), p. 73–81.

**Waadeland, H.**

1. Some univalent compositions of polynomials with univalent functions, vol. XXXVIII (1980), p. 65–73.

**Wachta, K.**

1. Sur un espace complet de champs tayloriens réguliers, vol. XXXVI (1979), p. 195–203.

**Waelbroeck, L.**

1. Vector-valued analytic functions, vol. XXXIII (1976), p. 125–129.

**Walczak, B.**

1. A necessary and sufficient conditions for the existence of a bundle in differential spaces, vol. XXXVII (1980), p. 49–57.

**Waliszewski, W.**

1. On vector field coinduced on a differential space and their Lie product, vol. XXXII (1976), p. 129–133.
2. (and H. Matuszczykowa) An immersion of a differential space in a Cartesian space, vol. XXXVII (1980), p. 131–134.

**Waniurski, J.**

1. Some relations between starlike and convex functions, vol. XXXIII (1976), p. 131–135.
2. (and P. J. Eenigenburg) An area inequality for quasi-subordinate analytic functions, vol. XXXIV (1977), p. 25–33.

**Weron, A.**

1. (and W. Młak) Dilations of Banach space operator valued functions, vol. XXXVIII (1980), p. 295–303.

**Węgrzyk, R.**

1. Continuous solutions of a linear homogeneous functional equation, vol. XXXV (1977), p. 15–20.

**Węgrzynowska, A.**

1. (et H. Akbar-Zadeh) Sur la géométrie du fibré tangent à une variété finslérienne, vol. XXXVI (1979), p. 231–244.

**Wierzbicki, W.**

1. The tangent space and the arcwise tangent space to a differential space, vol. XL (1983), p. 207–212.

**Włodarczyk, K.**

1. Inequalities of Grunsky–Nehari type for pairs of vector functions, vol. XXXVII (1980), p. 179–198.

**Wojciechowska, M.**

1. Angles and quasiconformal mappings on Riemannian manifolds, vol. XL (1983), p. 145–150.

**Wojtaszczyk, P.**

1. The space of multipliers into  $l_1$ , vol. XXXVI (1979), p. 55–59.

**Wolanowski, M. A.**

1. Relations between extrema of parametrical integrals and ordinary integrals, vol. XXXIII (1977), p. 199–207.

**Wong, Pit-Man**

1. (and N. Sibony) Some remarks on the Casorati–Weierstrass theorem, vol. XXXIX (1981), p. 165–174.

**Wójcik, A.**

1. On the least principal fundamental solutions of a parabolic differential equation, vol. XXXVIII (1980), p. 133–140.

**Yamashita, Shinji**

1. Cluster sets of set-mappings, vol. XXXV (1977), p. 77–98.

**Захарюта, В.И. (Zaharjuta, V. P.)**

1. Екстремальні пліворисубгармоніческі функції, ортогональні многочлены та теорема Бернштейна–Уолша для аналітических функцій багатьох комплексних змінних. (Extremal plurisubharmonic polynomials and the Bernstein–Walsh theorem for analytic functions of several variables), vol. XXXIII (1976), p. 137–148.

**Zderkiewicz, J.**

1. Sur le rayon de  $\beta$ -convexité de la famille  $\Sigma^*$ , vol. XXXIV (1977), p. 39–42.
2. (et Z. Bogucki) Sur une sous-classe de fonctions étoilées dont les valeurs recouvrent un cercle fixé, vol. XXXVIII (1980), p. 245–253.
3. (et Z. Bogucki) Sur un problème de Jenkins pour un fonctions convexes, vol. XXXVIII (1980), p. 255–258.

**Zdun, M. C.**

1. Continuous solutions of finite variation of a linear functional equation, vol. XXXIV (1977), p. 179–196.

**Zielińska, A.**

1. (and Z. J. Jakubowski, K. Zyskowska) Sharp estimation of even coefficients of bounded symmetric univalent functions, vol. XL (1983), p. 193–206.
2. (and K. Zyskowska) Estimation of the sixth coefficient in the class of bounded univalent functions with real coefficients, vol. XL (1983), p. 245–257.

**Ziemian, B.**

1. On distributions invariant with respect to some linear transformations, vol. XXXVI (1979), p. 261–276.
2. (and Z. Szymdyt) Fundamental solution  $E_n$  of the operator  $\partial^2/\partial t^2 - A_n$  for  $n > 3$ , vol. XXXVI (1979), p. 277–286.

**Złotkiewicz, E. J.**

1. (and Z. A. Lewandowski, R. J. Libera) Mapping properties of a class of univalent functions with pre-assigned zero and pole, vol. XL (1983), p. 283–290.

**Zyskowska, K.**

1. (and Z. J. Jakubowski, A. Zielińska) Sharp estimation of even coefficients of bounded symmetric univalent functions, vol. XL (1983), p. 193–206.
2. (and A. Zielińska) Estimation of the sixth coefficient in the class of bounded univalent functions with real coefficients, vol. XL (1983), p. 245–257.

List of participants of the Sixth Conference on Analytic Functions, vol. XXXIII (1976), p. 9–10.

Program of the Sixth Conference on Analytic Functions, vol. XXXIII (1976), p. 11–14.

Short summaries submitted to the Sixth Conference on Analytic Functions, vol. XXXIII (1976),

p. 151–198.



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