

PanAmerican Mathematical Journal

Volume 1	Numbers 1 - 4 1991
Volume 2	Numbers 1 - 4 1992
Volume 3	Numbers 1 - 4 1993
Volume 4	Numbers 1 - 4 1994
Volume 5	Numbers 1 - 4 1995
Volume 6	Numbers 1 - 4 1996
Volume 7	Numbers 1 - 4 1997
Volume 8	Numbers 1 - 4 1998
Volume 9	Numbers 1 - 4 1999
Volume 10	Numbers 1 - 4 2000

Volume 11

Numbers 1 - 4
2001

Volume 12

Numbers 1 - 4
2002

Volume 13

Numbers 1 - 4
2003

volume 14

Number 1

January 2004

- First-order necessary optimality conditions for nonlinear control problems,
M. D. Voisei (01-44)
- Convergence theorems of modified three-step iterative sequences with mixed errors
for asymptotically quasi-nonexpansive mappings in Banach spaces, **J. K. Kim,**
K. H. Kim and K. S. Kim (45-54)
- On common fixed points iteration processes for generalized asymptotically contractive
and generalized hemi-contractive mappings, **J. C. Huang** (55-67)
- A mesh independence principle for equations and their discretizations using Lipschitz and
center Lipschitz conditions, **Ioannis K. Argyros** (69-81)
- First-order recurrence relations on isolated time scales, **Evan Merrell, Rachel Ruger**
and Janna Severs (83-104)
- On existence and asymptotic behavior of solutions of infinite systems of differential
equations, **J. Banas and B. Rzepka** (105-115)

volume 14

Number 2

April 2004

An algebraic theory of $m \times n$ - polypodic structures

◇ GEORGE DANAS

01-17

Boundedness of multilinear singular integral operators with rough kernel on Herz-type
spaces

◇ DUNYAN YAN and DENG FENG LI

19-35

On a subclass of analytic functions involving the Owa-Srivastava fractional calculus operators	
◇ JAE HO CHOI	37-48
Approximation of solutions of variational inequalities for monotone mappings	
◇ H. IIDUKA, WATARU TAKAHASHI and M. TOYODA	49-61
On Aczél's inequality in 2-inner product spaces with applications	
◇ I. BRNETIĆ, Y. J. CHO, S. K. KIM and J. PEČARIĆ	63-74
Some convergence theorems for Newton's method involving center-Lipschitz conditions	
◇ IOANNIS K. ARGYROS	75-83
Short-term asymptotics of the heat kernel on bounded domain with piecewise smooth boundary conditions and applications to an ideal gas	
◇ E. M. E. ZAYED	85-106

Volume 14

Number 3

July 2004

Higher order necessary and sufficient conditions for optimality	
◆ ELENA CONSTANTIN	01
Conditional integral transforms, conditional convolution products and first variations	
◆ B. J. KIM, B. S. KIM and DAVID SKOUG	27
Boundedness and stability in nonlinear Volterra integrodifferential equations	
◆ M. N. ISLAM, M. M. MIA and G. AL-EID	49
Infinite-dimensional Gel'fand σ -widths of anisotropic Besov classes	
◆ Y. LIU and G. XU	65
Oscillation of neutral differential delay equations with variable coefficients and delays	
◆ K. A. DIB and RONALD M. MATHSEN	79
Implicit iteration process for common fixed points of a finite family of pseudocontractive maps	
◆ M. O. OSILIKE	89
An asymptotic result for the solutions of a higher order hyperbolic problem	
◆ RODICA LUCA	99

Volume 14

Number 4

October 2004

A study of eigenvalues of an impulsive differential equation	
◆ BONITA A. LAWRENCE and DENISE T. REID	01
Higher order optimality conditions and applications	
◆ H. LEE and N. PAVEL	11

On the instability of solutions of certain nonlinear vector differential equations of fifth order ◆ CEMIL TUNÇ	25
Global stability of solutions of certain third order nonlinear differential equations of fifth order ◆ CEMIL TUNÇ	31
Generalized vector equilibrium problems and applications ◆ M. DUREA	37
The equivalence of Mann and Ishikawa iterations dealing with strongly pseudocontractive or strongly accretive maps ◆ B. E. RHOADES and ŞTEFAN M. ŞOLTUZ	51
On the iterative methods for nonlinear operator equations in Banach spaces ◆ H. Y. ZHOU, G. T. GUO, H. J. HWANG and Y. J. CHO	61
Inverse eigenvalue problems with applications in the mathematical physics ◆ E. M. E. ZAYED	69
An existence result for a nonlinear integral equation without compactness ◆ FLORIN ISAIA	93

VOLUME 15

NUMBER 1

JANUARY 2005

Linearization of second order nonlinear oscillation theorems ◆ RAVI P. AGARWAL, S. DONTA AND S. R. GRACE	01
Convergence radii for Newton's method ◆ IOANNIS K. ARGYROS	17
Projection methods for approximating fixed points of Lipschitz suppressive operators ◆ C. E. CHIDUME AND JINLU LI	29
Convergence radii for Newton's method II ◆ IOANNIS K. ARGYROS	41
Products of random variables with Cauchy kernel ◆ SARALEES NADARAJAH AND ARJUN K. GUPTA	47
Some fixed point theorems for single-valued and multi-valued countably condensing weakly uniform isotone mappings ◆ D. TURKOGLU, R. P. AGARWAL, D. O'REGAN AND I. ALTUN	57
Strong convergence of approximants for pseudo-contractive mappings in Banach spaces ◆ JONG SOO JUNG	69
Solvability of the Cauchy problem for nonlinear hyperbolic differential equation in unbounded region ◆ JÓZEF BANAŚ AND MILLENIA LECKO	79
On a system of generalized nonlinear variational inequalities ◆ Z. LIU, YAN HAO, S. M. KANG AND W. CHUNG	95

VOLUME 15

NUMBER 2

APRIL 2005

Controllability results for nondensely defined evolution impulsive differential inclusions with nonlocal conditions	
❖ E. P. GATSORI, L. GÓRNIIEWICZ AND S. K. NTOUYAS	01
Sensitivity analysis for generalized parametric nonlinear quasivariational inequalities	
❖ Z. LIU, J. SUN, S. M. KANG AND G. I. KIM	29
On the separation of elliptic differential operators with operator potentials in weighted Hilbert spaces	
❖ E. M. E. ZAYED, A. S. MOHAMED AND H. A. ATIA	39
Oscillation theorems for a self-adjoint dynamic equation on time scales	
❖ AARON GRAY, DAVID LOVIT AND STEVEN SPRIGGS	49
Nonconvex minimization theorems for fixed point theorems in certain topological spaces	
❖ J. S. JUNG, Y. J. CHO AND S. M. KANG	67
A gradient estimate for generalized non-autonomous Kato classes	
❖ RENÉ E. CASTILLO	79
New ideas on Hardy-Hilbert's integral inequality (I)	
❖ W. T. SULAIMAN	95

VOLUME 15

NUMBER 3

JULY 2005

On the facial structure of the cone of positive maps	
❖ D. A. YOPP, RICHARD D. HILL AND S. R. WATERS (01-13)	
A fixed point theorem for multi-valued mappings in ordered Banach spaces with applications II	
❖ B. C. DHAGE (15-34)	
On multivariate delayed recurrent processes	
❖ R. P. AGARWAL AND J. H. DSHALALOW (35-49)	
An instability result for a certain non-autonomous vector differential equation of fifth order	
❖ CEMIL TUNC (51-58)	
Fixed points of asymptotically Φ -demicontractive maps in arbitrary Banach spaces	
❖ M. O. OSILIKE AND F. O. ISIOGUGU (59-67)	
Degenerate elliptic problems on bounded domains with Robin boundary conditions	
❖ M. MIHAILESCU (69-78)	
Some Grüss' type inequalities in 2-inner product spaces and applications for determinantal integral inequalities	
❖ S. S. DRAGOMIR, Y. J. CHO, S. M. KANG, S. S. KIM AND J. S. JUNG (79-94)	
Sensitivity analysis of solutions for parametric nonlinear quasi-variational inequalities	
❖ Q. WU, H. GAO, Z. LIU AND S. M. KANG (95-106)	

VOLUME 15

NUMBER 4

OCTOBER 2005

- ❖ Convergence theorems of Ishikawa iterations with errors for nonexpansive mappings,
H. Kiuchi
- ❖ Viable solutions for a class of differential inclusions without convexity,
A. Cernea
- ❖ Asymptotic behavior of Jensen and Jensen type functional equations,
John M. Rassias and Matina J. Rassias
- ❖ The 3D inverse problem of the heat equation for a multi-connected bounded region with applications in
mathematical physics,
E. M. E. Zayed
- ❖ Functional random boundary value problems of second order differential equations,
B. C. Dhage
- ❖ Global existence results for impulsive functional differential inclusions with multiple delay in
Fréchet spaces,
Johnny Henderson and A. Ouahab
- ❖ Iterative construction of common fixed points of a finite family of generalized asymptotically
hemi-contractive mappings,
J. C Huang
- ❖ Errata,
J. C. Huang

VOLUME 16

NUMBER 1

JANUARY 2006

- ❖ Asymptotic and oscillatory behavior of n-th order forced differential equations with deviating argument
depending on the unknown function,
N. T. Markova and P. S. Simeonov (01-15)
- ❖ Nonoscillation criteria for first order delay differential equations,
N. T. Markova and P. S. Simeonov (17-29)
- ❖ Function sequence technique for half-linear dynamic equations on time scales,
P. Rehak (31-56)
- ❖ A formula for smooth ∞ -harmonic functions,
P. Wang (57-65)
- ❖ Separability of weakly convergent sequences in Banach spaces,
J. Dronka, L. Olszowy, and L. Rybarska-Rusinek (67-82)
- ❖ Representations and estimates to Csiszar's f -Divergence,
G. A. Anastassiou (83-106)

VOLUME 16

NUMBER 2

APRIL 2006

- ❖ A Wong-Zakai type theorem for stochastic systems of Burgers equations,
A. Nowak (1-25)
- ❖ Positivity of the Green Matrix of an infinite system,
A. Domoshnitsky and E. Litsyn (27-40)

- ❖ Asymptotic properties of solutions of a forced second order differential equation with p-Laplacian,
M. Bartusek and John R. Graef (41-59)
- ❖ The decomposition of anisotropic Herz spaces and its applications,
S. Lan (61-75)
- ❖ Csiszar and Ostrowski type inequalities via Euler-type and Fink identities,
G. A. Anastassiou (77-91)
- ❖ The class of asymptotically demicontractive maps a proper subclass of asymptotically
pseudocontractive maps,
B. E. Rhoades and S. M. Soltuz (93-97)

VOLUME 16

NUMBER 3

JULY 2006

- Existence and decay of solutions of a coupled system of plates,
❖ S. R. W. SANGUINO BEJARANO, and MANUEL M. MIRANDA 01
- On the set of optimal solutions of Cent-Dian problems in continuous spaces,
❖ LUCA GUERRINI, and P. L. PAPINI 19
- Generalized random variational-like inequalities with randomly pseudo-monotone multivalued
mappings,
❖ M. FIRDOOSH KHAN, SALAHUDDIN, and R. U. VERMA 33
- On a class of nonlinear variational-like inequalities in reflexive Banach spaces,
❖ Z. LIU, J. SUN, and S. M. KANG 47
- A KKM theorem of Fan type with applications,
❖ G. WANG 59
- On infinite horizon variational problems arising in continuous mechanics,
❖ A. J. ZASLAVSKI 69
- The Henstock-Kurzweil delta integral on unbounded time scales,
❖ STEPHEN AVSEC, B. BANNISH, B. JOHNSON, and S. MECKLER 77
- Second order impulsive functional dynamic equations on time scales,
❖ A. BELARBI, M. BENCHOHRA, A. OUAHAB, and S. K. NTOUYAS 99

VOLUME 16

NUMBER 4

OCTOBER 2006

- Strong convergence theorems for uniformly L-Lipschitzian mappings in Banach spaces,
❖ C. E. CHIDUME and E. U. OFOEDU 01
- Iterative algorithms with some control conditions for quadratic optimizations,
❖ JONG S. JUNG 13
- Common fixed points and homotopy results in gauge spaces,
❖ A. ALHOMAIDAN and N. SHAHZAD 27

Fixed points of Meir-Keeler type hybrid contractions, ❖ S. L. SINGH, A. KUMAR and Y. J. CHO	35
Implicit iteration process for common fixed points of a finite family of asymptotically Φ - demicontractive maps, ❖ J. C. HUANG	55
The Kurzweil-Henstock integral for Riesz space-valued maps defined in abstract topological spaces and convergence theorems, ❖ A. BOCCUTO and B. RIEČAN	63
Convergence theorems for common fixed points for finite families of asymptotically nonexpansive mappings in reflexive Banach spaces, ❖ C. E. CHIDUME and B. ALI	81
On absolute summability methods, ❖ B. E. RHOADES and E. SAVAS	97

VOLUME 17

NUMBER 1

JANUARY 2007

Quantum groups and Hadamard Matrices, ❖ T. BANICA, and R. NICOARA (1-24)	
The strong nonlinear limit - point / limit - circle properties for super - half - linear equations, ❖ M. BARTUŠEK, and JOHN R. GRAEF (25-38)	
Exponential stability of dynamic equations on time scales, ❖ M. RASHFORD, J. SILOTI, and J. WROLSTAD (39-51)	
Convergence of three-step iteration process for asymptotically quasi-nonexpansive type mappings in convex metric spaces, ❖ B. S. THAKUR, and J. S. JUNG (53-60)	
A remark on multivalently convex and starlike functions, ❖ M. NUNOKAWA, S. OWA, Y. POLATOĞLU, and E. YAVUZ (61-66)	
A monotone technique for second order discontinuous functional differential inclusions, ❖ B. C. DHAGE, and JOHNNY HENDERSON (67-74)	
Uniqueness and existence for 2nth order Lidstone boundary value problems, ❖ J. EHME, and A. LANZ (75-81)	
Asymptotic behavior of a perturbed dynamic equation on a time scale, ❖ JENNIFER L. LANGDON (83-110)	

VOLUME 17

NUMBER 2

APRIL 2007

Generic continuity of a lower semicontinuous function, ❖ ALEXANDER J. ZASLAVSKI (1-10)	
Non-local problems with special gluing condition for the parabolic-hyperbolic type equation with complex spectral parameter, ❖ E. T. KARIMOV (11-20)	

- Moments of the complex matrix variate beta distribution,
❖ ELIZABETH BEDOYA, D. K. NAGAR, and A. K. GUPTA (21-32)
Positive solutions to nonlinear three point boundary value problems in time scales,
❖ I. Y. KARACA (33-49)
On finite intersection properties in abstract convex spaces,
❖ SEHIE PARK (51-63)
Predictor-Corrector iterative algorithm for generalized mixed implicit equilibrium-like problems,
❖ ZE QING LIU, G. CHEN, S. H. SHIM, and SHIN MIN KANG (65-72)

- A finer mesh independence of Newton's method,
❖ IOANNIS K. ARGYROS (73-80)
Self-adjoint matrix equations on time scales,
❖ DOUGLAS R. ANDERSON, and BOBBI BUCHHOLZ (81-104)

VOLUME 17

NUMBER 3

JULY 2007

- Generalized $(F, \beta, \phi, \rho, \theta)$ -univex functions and global parametric sufficient optimality conditions in semiinfinite discrete minmax fractional programming,
❖ G. J. ZALMAI, and Q. ZHANG 01
Self-adjointness of even order linear dynamic equations with mixed derivatives,
❖ DANIEL MAREK 27
Recognizability in $m \times n$ - polypodes I,
❖ GEORGE DANAS 39
Multiple positive solutions for ϕ -Laplacian BVPs,
❖ A. BENMEZAIË, S. DJEBALI, and T. MOUSSAOUI 53
Strong convergence of Halpern's sequence for accretive operators in a Banach space,
❖ KOJI AOYAMA, H. IIDUKA, and WATARU TAKAHASHI 75
Chebyshev-Grüss type and comparison of integral means inequalities for the Stieltjes integral,
❖ GEORGE A. ANASTASSIOU 91

Existence and uniqueness results in Morrey type spaces, ❖ A. CANALE	01
The equivalence between Picard, Krasnoselskij, Mann, Ishikawa and implicit Mann iterations when applied to weakly contractive operators, ❖ STEFAN M. SOLTUZ	17
Stability of solutions for a class of minimization problems, ❖ A. J. ZASLAVSKI	31
Stieltjes-type integrals for metric semigroup-valued functions defined on unbounded intervals, ❖ ANTONIO BOCCUTO, D. CANDELORO, and ANNA R. SAMBUCINI	39
Opial type inequalities for Widder derivatives, ❖ GEORGE A. ANASTASSIOU	59
Fuzzy generalized complementarity problems in Banach spaces, ❖ M. FIRDOOSH KHAN, SALHUDDIN, and R. U. VERMA	71
Generalized variational inequalities involving relaxed monotone mappings in Hilbert spaces, ❖ X. L. QIN, M. SHANG, and Y. SU	81
Existence theory for perturbed boundary value problems for first order multivalued differential systems, ❖ A. BELARBI, M. BENCHOHRA, and S. DJEBALI	89
On the local convergence of Newton's method on Lie groups, ❖ IOANNIS K. ARGYROS	101

Henstock-Kurzweil integrals on time scales, ❖ BRIAN S. THOMSON	01
Comments on fixed point and coincidence theorems for families of multimaps, ❖ SEHIE PARK	21
Techniques for a priori choice of regularizing parameters in Tikhonov regularization, ❖ M. IQBAL	35
Common fixed point theorems for hybrid pairs of occasionally weakly compatible mappings defined on symmetric spaces, ❖ M. ABBAS and B. E. RHOADES	55
Conjecture on jacobian elliptic functions, ❖ Y. MOCHIMARU and D. KOLEV	63
Strong nonlinear limit-point/limit-circle properties for forced Thomas-Fermi equations with p-Laplacian, ❖ M. BURTUSEK and J. R. GRAEF	73
Some inequalities for Gram's determinants and applications, ❖ S. S. KIM, Y. J. CHO and S. S. DRAGOMIR	89
Strong convergence of an explicit iteration process for a finite family of asymptotically demicontractive maps in Banach space, ❖ N. C. PETERS	99

VOLUME 18

NUMBER 2

APRIL 2008

CONTENTS

Approximation by means of Kantorovich generalized sampling operators in Musielak-Orlicz spaces, ❖ C. DONNINI and G. VINTI	01
Approximation solvability for a class of nonlinear set-valued variational inclusions involving (A, η) -monotone mappings, ❖ S.S. CHANG, H.W. JOSEPH LEE and C.K. CHAN	19
Hardy spaces associated to generalized parabolic sections, ❖ X. WU	33
The commutators of multiplier operators,	

❖ L. LIU and BOLIN MA	53
Comments on the KKM theory on ϕ_A -spaces,	
❖ SEHIE PARK	61
Approximation of fixed points of nonexpansive mappings and solutions of variational inequalities,	
❖ C.E. CHIDUME, C.O. CHIDUME and Y. SHEHU	73
The uncertainty principle in pseudo-Riemannian symmetric spaces,	
❖ RAJ WILSON	83

VOLUME 18

NUMBER 3

JULY 2008

CONTENTS

◆Optimal stopping time for stochastic processes: An application to the employer's profile formation option, G. DIMAKOS & A. KARANTZI	01
◆Riemann-Taylor expressions and fractional derivatives, N. ELEZOVIC & Z. TOMOVSKI	15
◆Existence and uniqueness of positive solutions for fourth order nonlinear singular continuous and discrete one-dimension p-Laplacian problems, C. YUAN, D. JIANG & D. O'REGAN	31
◆Existence of local and global solutions to fractional order integral equations, M. MUSLIM, R. P. AGARWAL & A.K. NANDAKUMARAN	47
◆Differential Systems with second order differences in Hilbert spaces, RODICA LUCA	59
◆Some related results for Bessel's type inequalities in 2-inner product spaces and applications, S.S. KIM, Y.J. CHO & S.S. DRAGOMIR	69
◆A note on a theorem of Bojadziev, S. SIMKANI	83
◆Conditioning and convergence of processes for equilibrium problems, A. MOUDAFI	95

VOLUME 18

NUMBER 4

OCTOBER 2008

CONTENTS

Moment generating functions, local approximations and one-step conditioning, ❖ KENNETH S. BERENHAUT and D. CHEN	01
One matricial quasinorms, ❖ JOSEPH R. SILER and RICHARD D. HILL	11
Monotonic solutions of a functional integral equation of Urysohn type, ❖ M. A. DARWISH	17
Porosity results for a class of equilibrium problems, ❖ ALEXANDER J. ZASLAVSKI	29
An elementary path to Galois and strongly pure chain rings, ❖ J. L. KIM, HAMID KULOSMAN and STEVE SEIF	39
Distribution of k -semismooth integers, ❖ C. ZHANG	50
Solution by iteration of nonlinear variational inequalities involving finite family of asymptotically nonexpansive mappings and monotone mappings, ❖ E. U. OFOEDU, Y. SHEHU and J. N. EZEORA	61
The duality of non-isotropic multiparameter flag Hardy spaces, ❖ Z. RUAN	77
Integration formulas for functionals on the function space $C_{a,b} [0,T]$ involving Paley-Wiener-Zygmund stochastic integrals, ❖ IAN PIERCE and DAVID SKOUG	101

VOLUME 19

NUMBER 1

JANUARY 2009

CONTENTS

> Convergence and Fubini theorems for metric semi-group-valued functions defined on unbounded rectangles, A. BOCCUTO, B. RIEČAN, and ANNA R. SAMBUCINI	01
> The saturation theorems for the limit q -Bernstein operators, Z. LAIYI, and LIN QIU	13
> Existence of three nonnegative periodic solutions for functional differential equations and applications to hematopoiesis, S. PADHI, S. SRIVASTAVA, and JULIO G. DIX	27
> Multiplication operator on $L_{(p,q)}$ Spaces, R. E. CASTILLO, R. LEÓN, and E. TROUSSELOT	37

> Twin positive solutions of boundary value problems for nonlinear second order difference equations, N. A. HAMAL	45
> Generalized parametric system and quasi-variational-like inclusions in Banach spaces, M. ALIMOHAMMADY, M. K. KALLEGI	53
> A note on the difference equation, V. V. KHUONG	67
> On the convergence of inexact Newton-type methods using recurrent functions, I. K. ARGYROS, and S. HILOUT	79
> On global existence and attractivity results for nonlinear random integral equations, B. C. DHAGE	97

VOLUME 19

NUMBER 2

APRIL 2009

CONTENTS

> Classes of uniformly convex functions with two fixed points, M. K. AOUF, and H. SILVERMAN	01
> On the convergence of some iterative procedures under regular smoothness, IOANNIS K. ARGYROS, and SAID HILOUT	17
> $(\alpha, \delta)_p$ - Neighborhood for certain class of multivalent functions, F. ALTUNTAS, S. OWA, and M. KAMALI	35
> Recursive estimation of a hidden Markov time, L. AGGOUN	47
> Common fixed point theorems for two classes of multivalued contractive type mappings, Z. LIU, X. HOU, S. M. KANG, and Y. S. KIM	53
> Multiple positive solutions for the system of higher order two-point boundary value problems, K. R. PRASAD, P. MURALI, and A. KAMESWARA RAO	63
> Strong convergence theorem for a generalized mixed equilibrium problem and fixed point problem for a family of infinitely nonexpansive mappings in Hilbert spaces, J. TANG, and S. S. CHANG	75
> On generalized variational type inequalities, SALAHUDDIN, and M. K. AHMAD	87
> An iterative method involving finite family of asymptotically nonexpansive mappings and monotone mappings in Hilbert spaces, Y. SHEHU, and J. N. EZEORA	99

PANAMERICAN MATHEMATICAL JOURNAL

VOLUME 19

NUMBER 3

JULY 2009

CONTENTS

- > The expanded Siler lattice, R. T. POTTER, A. J. KLIMAS, and R. D. HILL (1-15)
- > Strong convergence theorems for a finite family of strictly pseudo-contractive mappings in Banach spaces, C. E. CHIDUME, and Y. SHEHU (17-28)
- > Coupled systems of nonlinear fractional differential equations with nonlocal boundary conditions, J. R. GRAEF, and B. AHMAD (29-39)
- > The basic generated partial differential equations and the pseudo-linear superposition principle, D. VIVONA (41-50)
- > Nonlinear multiple objective fractional programming involving semi-locally type I- α -preinvex and related functions, S. K. MISHRA, J. S. RAUTELA, and K. SHUKLA (51-67)
- > Multiplicity results for a two-point boundary value problem, S. HEIDARKHANI, and D. MOTREANU (69-78)
- > Systems of generalized quasi-Ky Fan inequalities and Nash equilibrium points with set-valued maps in topological semilattices, N. T. VINH (79-92)
- > Some results related to Aczel's inequality in $2k$ -inner product spaces, S. S. KIM (93-100)

VOLUME 19

NUMBER 4

OCTOBER 2009

CONTENTS

- > The Laplace transform on time scales, C.R. AHRENDT (1-36)
- > On nonsmooth multiobjective optimization involving generalized G-invexity, S.K. MISHRA, J.S. RAUTELA and V. SINGH (37-49)
- > Strong convergence theorems for nonexpansive mappings and inverse-strongly monotone mappings, Y. SHEHU (51-60)
- > Convergence of a class of non-orthogonal wavelet expansions in $L^p(\mathbb{R})$, $1 \leq p < \infty$, D. KUMAR (61-70)
- > An iterative method for fixed point problems of nonexpansive mappings, monotone mappings and equilibrium problems, B. ALI and Y. SHEHU (71-87)
- > A certain class of identities of the Rogers-Ramanujan type, H.M. SRIVASTAVA and C.H. ZHANG (89-102)

CONTENTS

- > Asymptotic formulae for bivariate discrete operators: Applications to generalized sampling series and Szász-Mirak'jan type operators, C. BARDARO and I. MANTELLINI (1-21)
- > The univalence of some integral operators, V. PESCAR (23-30)
- > Strong nonlinear limit-point/limit-circle properties for second order differential equations with delay, M. BARTUŠEK and JOHN R. GRAEF (31-49)
- > Uniqueness conditions for a class of nonlocal boundary value problems, PAUL W. ELOE and R. A. KHAN (51-57)
- > The deficient values for a class of meromorphic functions, T. G. CHEN, K. Y. CHEN and Y. L. TSAI (59-70)
- > Strong convergence theorems for an infinite family of nonexpansive mappings in Banach spaces, YEOL J. CHO, S. H. WANG and X. QIN (71-78)
- > A new hybrid projection algorithm for mixed equilibrium problems and finite family of strict pseudo-contraction mappings, L. C. ZHAO and S. S. CHANG (79-91)
- > On the convergence of Sterling-type methods using recurrent functions, I. K. ARGYROS and S. HILOUT (93-105)