

List of Contributors and Title of Papers Presented at International Conference on Non-Linear Analysis, in Honour of Prof. Charles E. Chidume, March 13th - 15th, 2018. Department of Mathematics, University of Nigeria (UNN), Nsukka, Nigeria.

Part 1 Invited Lectures

Vasile Berinde (Technical University of Cluj-Napoca, North University Center at Baia Mare, Victoriei, ROMANIA)

- *Celebrating the 70th birthday of Professor Charles E. Chidume*

Ngalla Djitte (Department of Mathematics, Gaston Berher University, Saint Louis, SENEGAL.)

- *From economy to differential geometry via partial differential equations*

Part 2 Talks Given at the Conference

B. Ali and M. S. Lawan

- *Split monotone variational inclusion, mixed equilibrium problem and common fixed point for finite families of demicontractive mappings*

B. Ali, A. M. Hamza and Y. I. Suleiman

- *Hybrid steepest iterative algorithm for a hierarchical fixed point problem in uniformly smooth banach space*

B. Ali and M. H. Harbau

- *Convergence theorems for pseudomonotone equilibrium problem, split feasibility problem and multivalued strictly pseudocontractive mappings*

B. Ali, Y. I. Suleiman

- *General split equilibrium problems for countable family of relatively quasi-nonexpansive mappings*

B. Ali and L. Umar

- *Convergence theorems for generalized mixed equilibrium problems and infinite family of multivalued asymptotically quasi nonexpansive mappings in banach spaces*

A. U. Bello

- *On a result of bruck concerning zeros of maximal monotone operators*

- C. E. Chidume, L. O. Chinwendu and A. Adamu
- *A hybrid algorithm for approximating solutions of a variational inequality problem and a convex feasibility problem*
- C. E. Chidume, S. I. Ikechukwu, and A. Adamu
- *Inertial algorithm for approximating a common fixed point for a countable family of relatively nonexpansive maps*
- C. E. Chidume and M. O Nnakwe
- *A new halpern-type algorithm for a generalized mixed equilibrium problem and a countable family of generalized nonexpansive-type maps*
- C. E. Chidume, U. V. Nnyaba, and O. M. Romanus
- *A new algorithm for variational inequality problems with a generalized ϕ -strongly monotone map over the set of common fixed points of a finite family of quasi- ϕ -nonexpansive maps, with applications*
- C. E. Chidume, O. M. Romanus and U. V. Nnyaba
- *Strong convergence theorems for a common zero of an infinite family of gamma-inverse strongly monotone maps with applications*
- C. E. Chidume and K. C. Ukandu
- *Inertial forward-backward-forward splitting algorithm for solving monotone inclusion problems*
- E. E. Chima and M. O. Osilike
- *Split common fixed point problem for class of asymptotically hemicontractive mappings*
- J. N. Ezeora
- *Approximating solution of generalized mixed equilibrium problem and fixed point problem for multi valued nonlinear mappings*
- J. N. Ezeora and R C. Ogbonna
- *Split feasibility problem for a countable family of multivalued nonlinear mappings*
- O. I. A. Ibiam and E. U. Ofoedu
- *Strong convergence theorem of a hybrid algorithm for a countable family of total quasi-g-asymptotically nonexpansive mappings*
- Y. Ibrahim and B. Ali
- *Inequalities in asymmetric bi-banach spaces with application*

D. I. Igbokwe, I. K. Agwu and A. E. Ofem

- *Approximation of common solutions of fixed point problem for alpha-hemicontractive mapping, split equilibrium and variational inequality problems*

D. I. Igbokwe, I. K. Agwu and N. C . Ukeje

- *Convergence of a three-step iteration scheme to the common fixed points of mixed-type total asymptotically nonexpansive mappings in uniformly convex banach spaces*

D. I. Igbokwe and U. S. Jim

- *A composite implicit iterative method for approximating fixed points of lipschitzian demicontractive semigroups in banach spaces*

F.O. Isiogugu, P. Pillay, F. U.Ogbuisi, T. N. Okoro and M. O. Osilike

- *Fixed points of finite family of multi-valued pseudocontractive-type mappings and solutions of equilibrium problems by new iterations*

C. Izuchukwu, G. C. Ugwunnadi, O. T. Mewomo

- *Convergence results for minimization problems and generalized hemicontractive mappings in p -uniformly convex metric space*

M. S. Minjibir and T. S. Muhammad

- *Strong convergence theorems for finite family of multivalued lipschitz pseudocontractive mappings*

S. D. Nwokedi and D. I. Igbokwe,

- *Strong convergence theorems for lipschitzian alpha-demicontractive semigroup in banach space*

M. E. Okpala

- *On some generalised classes of multi-valued strictly pseudocontractive mappings in hilbert spaces*

E. U. Ofoedu and N. N. Araka

- *Iterative approximation problems involving some families of non-linear mappings in banach spaces*

E. U. Ofoedu and G. C. Ezeamama

- *Iterative approximation method fof some multi-valued mappings in $cat(0)$ spaces*

E. U. Ofoedu and K. O. Ibeh

- *On existence and iterative approximation of solutions of set-valued variational inclusion problems in banach spaces*

E. U. Ofoedu and C. S. Odiliobi

- *New fixed point theorems in dislocated metric space with application*

E. U. Ofoedu and S. C. Okoyeh

- *Iterative algorithm for set-valued pseudocontractive mappings in banach spaces*

E. U. Ofoedu and C. B. Osigwe

- *Solution by iteration of monotone variational inequality problems*

A. C. Onah. and P. U. Nwokoro

- *Split equality fixed point problem for alpha-demicontractive mappings in hilbert space*

E. E. Otubo

- *Convergence theorems for approximating common solutions of variational inequality and fixed point problems*

Yekini Shehu and O. S. Iyiola

- *Inertial projection-type method for solving pseudomonotone variational inequality in hilbert spaces*

M. O. Uba, A. U. Bello and M. A. Onyido

- *Algorithm for solutions of hammerstein integral equations in certain banach spaces*

K. C. Ukandu

- *Inertia forward-backward-forward splitting algorithm for solving monotone inclusion problems*