

Dr. Godwin Kakuba

Education

BSc (M, P, E) - Mak, MSc (Industrial and Applied Maths(CSE)) - TU/e,
PhD (SC), TU/e.

Positions held

President of Uganda Mathematical Society (2012 to todote), Ag. Head Maths
Makerere (2013 –15), Graduate studies coordinator (2011-13)



Research focus

Computational Science and Engineering

Professional activities

Ongoing advisor for 2 MSc students (2015 – -); Ongoing advisor for 2 PhD students (2014/15 --);
Lecturing :1 graduate course in computer skills, 2 undergraduate courses: ordinary differential
equations and computer methods; Member Association of Mathematical Engineers Eindhoven,
Member Uganda Mathematical Society

Publications

- G. Kakuba & M. J. H. Anthonissen, Local defect correction for boundary integral equation methods. CMES 99 (6) 2014.
- G. Kakuba, M. J. H. Anthonissen, and J. M. Mango, Error analysis for constant elements BEM. IJNMA 12 (1) 2014.
- G. Kakuba, The Boundary Element Method: Errors and gridding for problems with hot spots, Technische Universiteit Eindhoven (2011), ISBN 978-90-386-2443-3Publication1
- G. Kakuba, R. M. M. Mattheij, Local errors in the constant and linear boundary element method for potential problems, Advances in boundary elements techniques X. Proceedings of the 10th International conference, Athens 2009, 367 – 374
- G. Kakuba and R. M. M. Mattheij, Convergence analysis of Local Defect Correction for the BEM, Advances in Boundary Integral Methods. Proceedings of the sixth UK conference on Boundary Integral Methods 15 (Durham, UK, 2007)
- G. Kakuba, The Impressed Current Cathodic Protection System, Master's thesis, Eindhoven University of Technology, Eindhoven, The Netherlands, 2005