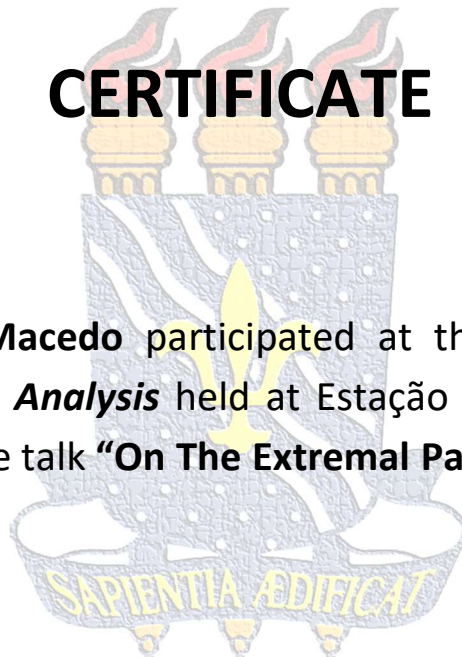# VII

Workshop in

Nonlinear PDE's and

Geometric Analysis

CERTIFICATE

This is to certify that **Abiel Costa Macedo** participated at the *VII Workshop in Nonlinear Partial Differential Equations and Geometric Analysis* held at Estação das Artes, João Pessoa-PB, Brazil, from February 20 to 24, 2018, presenting the talk **"On The Extremal Parameters Curve of a Quasilinear Elliptic System of Differential Equations"**.

João Marcos Bezerra do Ó

Chair

VII

Workshop in Nonlinear PDE's and Geometric Analysis

CERTIFICATE

This is to certify that **Allânio Barbosa Nóbrega** participated at the *VII Workshop in Nonlinear Partial Differential Equations and Geometric Analysis* held at Estação das Artes, João Pessoa-PB, Brazil, from February 20 to 24, 2018, presenting the talk **"Existence of multi-bump solutions for a class of elliptic problems involving the biharmonic operator"**.

João Marcos Bezerra do Ó
Chair

VII Workshop in Nonlinear PDE's and Geometric Analysis

CERTIFICATE

This is to certify that **Dania González Morales** participated at the *VII Workshop in Nonlinear Partial Differential Equations and Geometric Analysis* held at Estação das Artes, João Pessoa-PB, Brazil, from February 20 to 24, 2018, presenting the talk **"Existence and non-existence of positive solutions of quasi-linear elliptic equations involving gradient terms"**.

João Marcos Bezerra do Ó
Chair

VII Workshop in Nonlinear PDE's and Geometric Analysis

CERTIFICATE

This is to certify that **Diego Ferraz** participated at the *VII Workshop in Nonlinear Partial Differential Equations and Geometric Analysis* held at Estação das Artes, João Pessoa-PB, Brazil, from February 20 to 24, 2018, presenting the talk **"Nonlocal Schrödinger-Poisson systems with critical oscillatory growth"**.
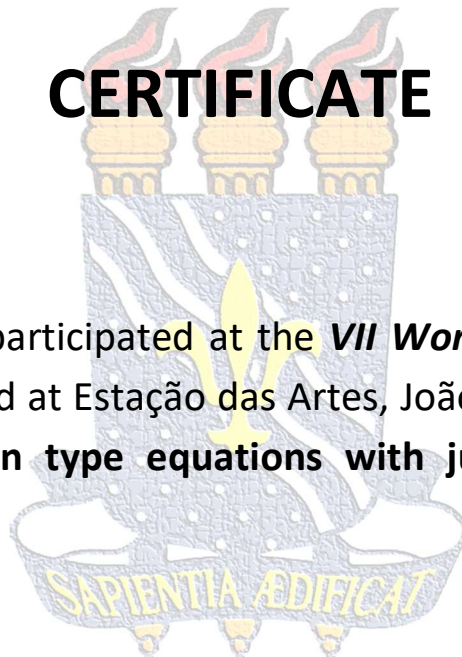
João Pessoa, 24th February 2018

João Marcos Bezerra do Ó
Chair

VII Workshop in Nonlinear PDE's and Geometric Analysis

CERTIFICATE

This is to certify that **Eudes Barboza** participated at the *VII Workshop in Nonlinear Partial Differential Equations and Geometric Analysis* held at Estação das Artes, João Pessoa-PB, Brazil, from February 20 to 24, 2018, presenting the talk **"Hénon type equations with jumping nolinearities involving critical growth"**.

João Marcos Bezerra do Ó
Chair

VII

Workshop in Nonlinear PDE's and Geometric Analysis

CERTIFICATE

This is to certify that **Francisco Siberio B. Albuquerque** participated at the *VII Workshop in Nonlinear Partial Differential Equations and Geometric Analysis* held at Estação das Artes, João Pessoa-PB, Brazil, from February 20 to 24, 2018, presenting the talk **"Stationary Schrödinger equations in R2 with unbounded or vanishing potentials and involving concave nonlinearities"**.

João Marcos Bezerra do Ó
Chair

VII Workshop in Nonlinear PDE's and Geometric Analysis

CERTIFICATE

This is to certify that **Gabrielle Saller Nornberg** participated at the *VII Workshop in Nonlinear Partial Differential Equations and Geometric Analysis* held at Estação das Artes, João Pessoa-PB, Brazil, from February 20 to 24, 2018, presenting the talk **"Multiplicity of solutions for fully nonlinear equations with quadratic growth"**.

João Marcos Bezerra do Ó
Chair

VII

Workshop in

Nonlinear PDE's and

Geometric Analysis

CERTIFICATE

This is to certify that **Isaías Pereira de Jesus** participated at the *VII Workshop in Nonlinear Partial Differential Equations and Geometric Analysis* held at Estação das Artes, João Pessoa-PB, Brazil, from February 20 to 24, 2018, presenting the talk **"Hierarchic control for the one-dimensional wave equation in domains with moving boundary"**.

João Marcos Bezerra do Ó

Chair

VII

Workshop in

Nonlinear PDE's and

Geometric Analysis

CERTIFICATE

This is to certify that **Jefferson Abrantes dos Santos** participated at the *VII Workshop in Nonlinear Partial Differential Equations and Geometric Analysis* held at Estação das Artes, João Pessoa-PB, Brazil, from February 20 to 24, 2018, presenting the talk **"Generalized N-Laplacian equations involving critical exponential growth and concave terms in RN"**.
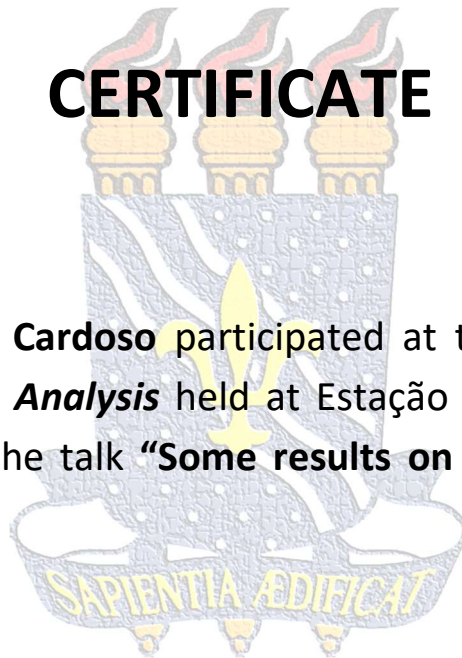
João Marcos Bezerra do Ó

Chair

VII Workshop in Nonlinear PDE's and Geometric Analysis

CERTIFICATE

This is to certify that **J. Anderson V. Cardoso** participated at the *VII Workshop in Nonlinear Partial Differential Equations and Geometric Analysis* held at Estação das Artes, João Pessoa-PB, Brazil, from February 20 to 24, 2018, presenting the talk **"Some results on Hamiltonian elliptic systems involving nonlinear Schrödinger equations"**.

João Marcos Bezerra do Ó
Chair

VII
Workshop in Nonlinear PDE's and Geometric Analysis

CERTIFICATE

This is to certify that **José Carlos Albuquerque** participated at the *VII Workshop in Nonlinear Partial Differential Equations and Geometric Analysis* held at Estação das Artes, João Pessoa-PB, Brazil, from February 20 to 24, 2018, presenting the talk **"On linearly coupled systems involving Schrödinger equations"**.

João Marcos Bezerra do Ó
Chair

VII Workshop in Nonlinear PDE's and Geometric Analysis

CERTIFICATE

This is to certify that **José Francisco de Oliveira** participated at the *VII Workshop in Nonlinear Partial Differential Equations and Geometric Analysis* held at Estação das Artes, João Pessoa-PB, Brazil, from February 20 to 24, 2018, presenting the talk **"Hardy type inequality and supercritical weighted Sobolev inequalities"**.
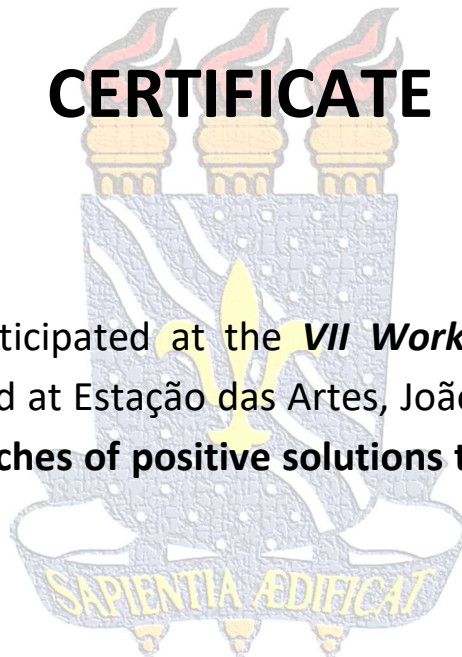
João Marcos Bezerra do Ó
Chair

VII Workshop in Nonlinear PDE's and Geometric Analysis

CERTIFICATE

This is to certify that **Kaye Silva** participated at the *VII Workshop in Nonlinear Partial Differential Equations and Geometric Analysis* held at Estação das Artes, João Pessoa-PB, Brazil, from February 20 to 24, 2018, presenting the talk **"On branches of positive solutions to p-Laplacian problems at the extreme value of Nehari manifold method"**.
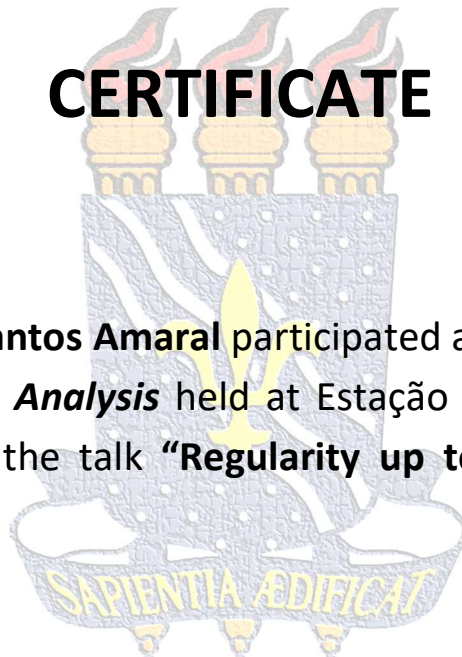
João Marcos Bezerra do Ó
Chair

VII

Workshop in
Nonlinear PDE's and
Geometric Analysis

CERTIFICATE

This is to certify that **Marcelo D. dos Santos Amaral** participated at the *VII Workshop in Nonlinear Partial Differential Equations and Geometric Analysis* held at Estação das Artes, João Pessoa-PB, Brazil, from February 20 to 24, 2018, presenting the talk **"Regularity up to the Boundary for solutions of Fully Nonlinear Elliptic Equations"**.

João Marcos Bezerra do Ó
Chair

VII Workshop in Nonlinear PDE's and Geometric Analysis

CERTIFICATE

This is to certify that **Maxwell L. Silva** participated at the *VII Workshop in Nonlinear Partial Differential Equations and Geometric Analysis* held at Estação das Artes, João Pessoa-PB, Brazil, from February 20 to 24, 2018, presenting the talk **"Existence of ground states for a quasilinear coupled system in RN"**.

João Pessoa, 24th February 2018

João Marcos Bezerra do Ó
Chair

VII Workshop in Nonlinear PDE's and Geometric Analysis

CERTIFICATE

This is to certify that **Pedro Gaspar** participated at the *VII Workshop in Nonlinear Partial Differential Equations and Geometric Analysis* held at Estação das Artes, João Pessoa-PB, Brazil, from February 20 to 24, 2018, presenting the talk **"Minimal hypersurfaces and the Allen-Cahn equation on closed manifolds"**.

João Marcos Bezerra do Ó
Chair

VII Workshop in Nonlinear PDE's and Geometric Analysis

CERTIFICATE

This is to certify that **Rayssa Caju** participated at the *VII Workshop in Nonlinear Partial Differential Equations and Geometric Analysis* held at Estação das Artes, João Pessoa-PB, Brazil, from February 20 to 24, 2018, presenting the talk **"Asymptotic Behaviour of solutions for a coupled elliptic system in the punctured ball"**.

João Marcos Bezerra do Ó
Chair

VII Workshop in
Nonlinear PDE's and
Geometric Analysis

CERTIFICATE

This is to certify that **Ricardo Costa** participated at the *VII Workshop in Nonlinear Partial Differential Equations and Geometric Analysis* held at Estação das Artes, João Pessoa-PB, Brazil, from February 20 to 24, 2018, presenting the talk **"Symmetry results for positive solutions of fully nonlinear nonlocal operators"**.

João Marcos Bezerra do Ó
Chair

VII

Workshop in
Nonlinear PDE's and
Geometric Analysis

CERTIFICATE

This is to certify that **Vanderley Ferreira Junior** participated at the *VII Workshop in Nonlinear Partial Differential Equations and Geometric Analysis* held at Estação das Artes, João Pessoa-PB, Brazil, from February 20 to 24, 2018, presenting the talk **"Positivity properties of a higher order parabolic equation"**.

João Pessoa, 24th February 2018

João Marcos Bezerra do Ó
Chair

VII

Workshop in Nonlinear PDE's and Geometric Analysis

CERTIFICATE

This is to certify that **Willian Cintra** participated at the *VII Workshop in Nonlinear Partial Differential Equations and Geometric Analysis* held at Estação das Artes, João Pessoa-PB, Brazil, from February 20 to 24, 2018, presenting the talk **"Coexistence States In A Cross-Diffusion System Of A Predator-Prey Model"**.

João Marcos Bezerra do Ó
Chair