Curriculum Vitae for Ewerton Rocha Vieira

Education
- March 2015: PhD from University of Campinas (advisor: Ketty Abaroa de Rezende).
- October 2014: International PhD internship for one year at Northwestern University (advisor: John Franks)
- Feberary 2011: Master's degree from University of Campinas.
- Janurary 2009: BA degree with honors at University of Brasília.

Research Interests
- Dynamics, Topology, Morse and Conley Theory.

Academic Positions
- 2015–: Tenured Adjunct Professor of Mathematics, Federal University of Goiás.

Visiting Positions
- 2020 February - : Visiting Professor at Rutgers University.
- 2016 January - 2016 February: Visiting Professor at Universidade de Brasilian.
- 2015 February: Visiting Professor at University of Maine.
- 2014 October- 2015 October: Visiting Scholar at Northwestern University.

Teaching Experience
- 2015-2019: Taught undergraduate and graduate courses at Federal University of Goiás.
- 2016: Taught graduate course at University of Brasília.

Invited Conference Talks
- ICMC Summer Meeting on Differential Equations. Transition Matrix 2019
- XXI Brazilian Topology Meeting 2018, Satellite conference of ICM. Transition Matrix. 2018
- Mathematical Congress of the Americas. Detecting Bifurcations via Transition Matrix. 2017
- VIII Workshop of Dynamical Systems, July 3–6, 2016.
- Semana do IME, October 18–21, 2016.
- Dynamics, Topology and Computations. Będlewo, Poland. June 15 - 20, 2015.
- Matematyka Obliczeniowa, Uniwersytet Jagiellonski, Krakow. June 11, 2015.
- Department of Mathematics & Statistics Colloquium Series, University of Maine. February, 2015.

Publications

Papers

(1) R. Franzosa, K. A. de Rezende, **E. R. Vieira**. Generalized topological transition matrix, *Topological Methods in Nonlinear Analysis* **48** No 1 (2016), 183–212.
(2) R. Franzosa, **E. R. Vieira**. Transition Matrix Theory, *Transactions of the American Mathematical Society* 369 (2017) 11 7737–7764.
(3) Bastos, R., Rocco, N.R. and **Vieira, E.R.** Finiteness of homotopy groups related to the non-abelian tensor product *Annali di Matematica* (2019) No 1, 1–11. https://doi.org/10.1007/s10231-019-00855-8
(4) D. Lima, M. Silveira, **E. R. Vieira**. Covering Action on Conley Theory, *to appear.*

Graduate Students Supervised
Masters:
- Cićero R. G. de Sousa Junior
- Thiago dos Santos Vieira.
- Jose Alex Lima

- Lenison Alves de Queiroz
- Celso Faria de Souza
- Theófilo Machado de Souza Neto
- Marcio Vaiz dos Reis.
- Wesley da Silva Carvalho
- Messias H. V. Silva

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