



Dr. Daniel Ruiz Vega

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Professor. Graduate Programs in Electrical Engineering, SEPI-ESIME-Zacatenco, IPN (**Nov. 2004**). U.P. "Adolfo López Mateos", Edificio Z-4 Primer piso C.P. 07738 Zacatenco, México D. F. MÉXICO.

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Education

- Doctor of Applied Sciences (PhD). Montefiore Electrical Institute, University of Liege, (2002).
- Master of Science in Electrical Engineering. SEPI-ESIME-Zacatenco, IPN. (1996).
- Electrical Engineer. Universidad Autónoma Metropolitana, Unidad Azcapotzalco. (1991).

Research areas of interest:

- Power system dynamic security assessment and control.
- Methods for large-scale power system stability analysis.
- Modeling of power system dynamic elements and their controls.
- Development and application of tests to obtain parameters of synchronous machines and electric loads.
- Development of digital computer simulators of electric machines and interconnected power systems.
- Development of physical power system simulators for teaching and research.
- Development of real-time techniques to assess and control stability problems using phasor measurements.

Publications

- Books and book chapters published: 5 (2 books and 3 book chapters).
- Papers in international journals: 11 (10 ISI).
- Papers in international conferences: 52.
- Papers in national conferences: 20.

Supervision of Thesis (since 2004):

- Phd students currently under supervision (2).
- MSc students currently under supervision (5).
- Master of Science graduated students (4).
- Electrical engineering graduated students (7).

Projects

- 1 CONACyT and 1 IPN funded (both national) under development.
- 3 international and 5 national (completed).

Reviewer of the following journals:

- - IEEE Transactions on Power Systems.
- - IET Generation Transmission and Distribution.
- - Electric Power Systems Research.