Thesis works reviewed by G. Stépán

Institutions:

Hungarian Academy of Sciences – MTA
Technical University of Budapest – BME
Budapest University of Technology and Economics – BME
József Attila Univesity of Science at Szeged – JATE
Eötvös Loránd University of Science at Budapest – ELTE
University of Miskolc – ME
Royal Institute of Technology, Stockholm – KTH
University of Bristol – UoB
Eindhoven University of Technology – EUT
University of British Columbia, Vancouver – UBC
Laboratoire des Signaux et Systèmes, Université Paris Saclay – CNRS
Technische Universitat Karlsruhe - KIT

1. Onódi, K., Stability of cutting on milling machines, (1983) dr.techn. at BME (in Hungarian).
2. Szakács, I., Natural frequencies of circular beams (1985) dr. techn. at BME (in Hungarian).
3. Hassan, N., Self-excited vibration and noise of machine tools and ways of their reductions (1985) PhD (candidate of sciences) at MTA (in English).
4. Patkó, G., An approximation for nonlinear vibration analysis (1985) PhD (candidate of sciences) at MTA (in Hungarian).
5. Faragó, K., Nonlinear vibrations of machine tool belts (1986) PhD (candidate of sciences) at MTA (in Hungarian).
6. Laczik, B., Vibration monitoring of cutting process (1986) dr. techn. at BME (in Hungarian)
7. Dac, T. v., Controlled man-machine system dynamics and reliability (1987) DSc (doctor of science) at MTA (in English).
8. Krisztin, T., Asymptotic behaviour of solutions of functional differential equations (1988) PhD (candidate of sciences) at MTA (in Hungarian).
9. Qui, T., Q., Stability of tower cranes (1990) PhD (candidate of sciences) at MTA (in English).
10. Szalay, T., Dynamic model of milling and its applications (1990) dr. techn. at BME (in Hungarian).
11. Borus, A., Asymptotic behaviour of functional differential equation solutions (1991) dr. at JATE (in Hungarian)
12. Győri, I., Oscillation and global attractivity of functional differential equation solutions (1991) DSc (doctor of science) at MTA (in English).
13. Pápai, F., Application of modal analysis in machine tool analysis (1992) dr. techn. at BME (in Hungarian).
14. Palkovics, L., Stability of wheel suspension systems containing controlled machine elements (1992) PhD (candidate of sciences) at MTA (in Hungarian).
15. Kiss, K., On the stability of competitive predator-prey systems (1993) dr. techn. at BME (in Hungarian).
16. Forrai, L., Stability investigation of rotors above the critical speed using finite element method (1994) PhD (candidate of sciences) at MTA (in Hungarian).
17. Rudas, I., New principles and methods in control and modeling of nonlinear systems (1998) DSc (doctor of science) at MTA (in English).
18. Rodriguez-Millan, J., Symbolic computation aided analysis and design of nonlinear dynamical control systems (1998) PhD at BME (in English)
19. Halász, G., Pump induced flow vibrations in pipe systems (1998) Dr. habil. at BME (in Hungarian).
20. Györgyi, J., Applications and limitations of modal analysis (1999) Dr. habil. at BME (in Hungarian).

21. Krisztin, T., Global dynamics of functional differential equations (1999) DSc (doctor of science) at MTA (in English).
22. Károlyi, G., Examination of spatial chaotic equilibrium states of chains (1999) PhD at BME (in English).
23. Molnárka, G., Numerical methods for mechanical problem solving (1999) Dr. habil. at ELTE (in English).
24. Patkó, G., The method of linearization above the phase space (2000) Dr. habil at ME (in Hungarian).
25. Piiroinen, P., Recurrent Dynamics of Nonsmooth Systems with Application to Human Gait (2002) Doctoral Thesis at KTH Stockholm (in English).
26. Kuti, I., New alternative method for the dynamic analysis of vehicle systems (2004) Dr. habil at BME (in English).
27. Németh, H., Nonlinear modelling and control for a mechatronic protection valve (2004) PhD at BME (in English).
28. Kollányi, T., Transversal vibrations of belts (2005) PhD at ME (in Hungarian).
29. Barton, D., Periodic solutions and their bifurcations in non-smooth delay systems (2006) PhD at UoB (in English)
30. Faassen, R., Chatter prediction and control for high-speed milling (2007) PhD at EUT (in English).
31. Merdol, D., Virtual 3-Axis Milling Process Simulation and Optimization (2008) PhD at UBC (in English)
32. Karolyi, Gy., Mechanical modeling of filament structures: chaos and fractals (2008) DSc (doctor of science) at MTA (in Hungarian).
33. Rodrigues, D. J., Automatic ball balancing systems (2010) PhD at UoB (in English).
34. Boussaada, I., Qualitative analysis of functional differential-algebraic systems with applications in control (2016) Dr.habil at CNRS (in English).
35. Kenderi, G., Nonparametric identification of nonlinear dynamic systems (2016) PhD at KIT (in English).
36. Berdeni, Y., Resolving rigid body contact problems through wave propagation (2017) PhD at UoB (in English).