Curriculum Vitae (CV)

Sabry Mohamed Yousef El-shourbagy

Personal Information:

Birth Date: 3/7/1986

Nationality: Egypt

Material Status: (married)

Address: 12 Nour El-mostafa St., – Belbis – Sharkiya – Egypt

Military Status: Terminated military service

Academic Rank: Assistant Lecturer

Department: Basic Science

Specialization: Pure Mathematics

Research Gate: https://www.researchgate.net/profile/Sabry-El-Shourbagy

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Education:

Degree	Discipline	Institution	Year
Ph.D.	Pure Mathematics, Faculty of science	AL-AZHAR UNIVERSITY (MEN)	**2022**
M.Sc.	Pure Mathematics, Faculty of science	ZAGAZIG UNIVERSITY	**2018**
B.Sc.	Mathematics and computer science, Faculty of Science	ZAGAZIG UNIVERSITY	**2007**

Academic Experience:

Institution: **Higher Technological Institute- Tenth of Ramadan City**

Rank: **Research Assistant (PhD student)**

Dates: **from 2018 until 2022**

Institution: **Higher Technological Institute- Tenth of Ramadan City**

Rank: **Teaching Assistant**

Dates: **from 2009 until 2017**

Research interests:

- Vibration control
- Rotor active magnetic bearing
- Cantilever Beam

Publications:

- Active control of a cantilever beam subject to parametric excitation via negative feedback velocity, International Journal of Mathematics and Computer Applications Research (IJMCAR).Vol. 6, Issue 6, 23-34, (2016).
- Vibration reduction of a cantilever beam subjected to parametric excitation using time delay feedback, Journal of Advances in Mathematics, Vol. 13, 7186- 7193, (2017).
- El-Shourbagy, S.M.; Saeed, N.A.; Kamel, M.; Raslan, K.R.; Aboudaif, M.K.; Awrejcewicz, J. On the Performance of a Nonlinear Position-Velocity Controller to Stabilise Rotor-Active Magnetic-Bearings System. Symmetry. 2021, 11, 2069. https://doi.org/10.3390/sym13112069.
- El-Shourbagy, S.M.; Saeed, N.A.; Kamel, M.; Raslan, K.R.; Aboudaif, M.K.; Awrejcewicz, J. Control Performance, Stability Conditions, and Bifurcation Analysis of the Twelve-Pole Active Magnetic Bearings System. Appl. Sci. 2021, 11, 10839. https://doi.org/10.3390/app112210839.
- Saeed, N.A.; El-Shourbagy, S.M.; Kamel, M.; Raslan, K.R.; Aboudaif M.K. Nonlinear dynamics and static biforcations control of the 12-pole magnetic bearings system utilizing the integral resonant control strategy. low frequency noise, vibration and active control. 2022, 13, 2069. DOI:10.1177/14613484221104818.
- Nasser. A. Saeed, Sabry M. El-Shourbagy, Magdi Kamel, Kamal R. Raslan. Suppressing the resonant vibrations and eliminating the nonlinear bifurcation of a twelve-poles electro-magnetic rotor system using a novel control algorithm. Appl. Sci. 2022, 12, 8300. https://doi.org/10.3390/app12168300.

Certifications or Professional Registrations:

Honors and Awards:

- Program and Course Specifications and Evaluation of ILOs for Higher Educatio Institutes (NAQAAE 2019).
- Promoting your research capabilities -The modern knowledge cycle-Researche Academy on Campus (Elsevier 2019).
- Participating in "Spit-free India Movement" to prevent the spread of COVID-19 durin Sep. – Nov. 2020.
- Manage Your Cited References in a Glance Using EndNote Online (National Researcl Center 2021).
- Research Hypotheses and Statistical Process (IFAD 2021).
- Journal Editor 1 (Nature Research Academies 2021).
- Effective Post-submission Strategies (Nature Research Academies 2021).

Teaching Experience:

Courses taught

- Math (1&2&3&4)
- Numerical Methods
- Advanced Calculus