

Curriculum Vitae (CV)

Gamal Shafik Nada



Personal Information:

Academic Rank: Assistant Professor

Department: Mechanical Engineering

Specialization: Power Engineering

Position: Assistant Professor

Google Scholar:

https://scholar.google.com/citations?view_op=list_works&hl=ar&user=2OvxQ04AAAAJ

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Education:

Degree	Discipline	Institution	Year
Ph.D.	Fluid mechanics, lubrication	Cairo University	2001
M.Sc.	Combustion	Cairo University	1994
B.Sc.	Power Engineering	Menofia University	1988

Academic Experience:

Institution: Higher Technological Institute

Rank: Assistant Professor

Dates: 2001

Institution: Higher Technological Institute

Rank: Research Assistant (PhD student)

Dates: 1995

Institution: Higher Technological Institute

Rank: Teaching Assistant

Dates: 1990

Research interests:

- - Fluid Mechanics
- - Lubrication

Publications:

1. - T.A. Osman, G.S. Nada and Z.S. Safar "Static and dynamic characteristics of magnetized journal bearings lubricated with ferrofluid" Tribology international, Vol. 34, 2001, PP 369-380
2. T.A. Osman, G.S. Nada and Z.S. Safar "Effect of using current-carrying-wire models in the design of hydrodynamic journal bearings lubricated with ferrofluid" Tribology Letters Vol. 11, No.1, 2001, PP 61-70
3. T.A. Osman, G.S. Nada and Z.S. Safar "Dynamic characteristics of magnetized journal bearings lubricated with Newtonian and non-Newtonian ferrofluids" Proceedings of sixth international conference on production engineering and design for development, Cairo, Egypt 2002, PP 834-849.
4. T.A. Osman, G.S. Nada and Z.S. Safar "Different magnetic models in the design of the hydrodynamic journal bearings lubricated with non-Newtonian ferrofluid" Tribology Letters Vol. 14, No.3, 2003, PP 211-223.
5. G.S. Nada "Dynamic performance characteristics of hydrodynamic journal plastic-bearings" Sci. Bull. Fac. Eng. Ain Shams Univ. Vol. 38, No.3, Sept. 2003, PP 633-648.
6. G.S. Nada and T.A. Osman "Dynamic characteristics of finite hydrodynamic journal bearings lubricated by couple stress fluids" Sci. Bull. Fac. Eng. Ain Shams Univ. Vol. 41, No. 1, March 2006, PP 957-972.

7. G.S. Nada, T.A. Osman "Dynamic performance of finite hydrodynamic journal bearings lubricated by magnetic fluids with couple stresses" Proceedings Of The 7th Intern. Conf. Of The Egyptian Soc. Of Tribology, Dec. 2006, Fac. Eng. Cairo Univ. Egypt.
8. G.S. Nada and T.A. Osman "Static performance of finite hydrodynamic journal bearings lubricated by magnetic fluids with couple stresses" Tribology Letters Vol. 27, 2007, PP 261-268
9. G.S. Nada, G.T. Abdel-Jaber, H. S. Abdo "Thermal Effects on Hydrodynamic Journal Bearings Lubricated By Magnetic Fluids with Couple Stresses" The 2nd International Conference on Energy Engineering ICEE-2, December 27-29, 2010 - Aswan, Egypt
10. G. S. Nada, G. T. Abdel-Jaber, H. S. Abdo, "Thermal Effects on Hydrodynamic Journal Bearing Lubricated by Magnetic Fluids with Couple Stresses" International Journal of Mechanical & Mechatronics Engineering IJMME-IJENS Vol:12 No:05, 12-20, October, 2012
11. G. S. Nada, "A Study of Finite Hydrodynamic Slider Bearings Lubricated With Ferro fluids" ENGINEERING RESEARCH JOURNAL (ERJ) Vol. 52, Issue 2, PP 16-25, April 2023

AUTHORED BOOKS

- Participation in the preparation of a book entitled “ENGINEERING MECHANICS (1)”
1ST Edition, (16687/2018) by HTI.
- Participation in the preparation of a book entitled “ENGINEERING MECHANICS (2)”
1ST Edition, (16688/2018) by HTI.

Teaching Experience:

Courses taught

- Engineering Drawing (A)
- Engineering Drawing (B)
- Physics
- Mathematics
- Engineering Mechanics (1)
- Engineering Mechanics (2)
- Fluid Mechanics
- Principle of Fluid Mechanics
- Thermodynamics (2)
- Thermo-fluids lab (1)
- Thermo-fluids lab (2)