

Curriculum Vitae (CV)

Full Name



Essam Abdel Atty Mohamed Amoush

Personal Information:

Academic Rank: Associate Professor

Department: Civil Engineering

Specialization: Steel Structures

Position: Associate Professor

Google Scholar: https://scholar.google.com/citations?view_op=list_works&hl=en&user=naf6uRUAAAAJ

Research Gate: https://www.researchgate.net/profile/Essam-Amoush?ev=hdr_xprf

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Education:

Degree	Discipline	Institution	Year
Ph.D.	STRUCTURE ENGINEERING	AIN SHAMS UNIVERSITY	2010
M.Sc.	STRUCTURE ENGINEERING	TANTA UNIVERSITY	2003
B.Sc.	STRUCTURE ENGINEERING	TANTA UNIVERSITY	1996

Academic Experience:

Institution:

Rank: Professor

Dates:

Institution:

Rank: Associate Professor

Dates: 2017

Institution:

Rank: Assistant Professor

Dates: 2010

Institution:

Rank: Research Assistant (PhD student)

Dates: 2003

Institution:

Rank: Teaching Assistant

Dates: 1998

Research interests:

- - Composite structures
- - Cold-formed steel structures
- - Battened cold-formed columns
- - Composite cold-formed beams
- -Strengthening of steel structures
- - Built-up cold-formed steel structure elements

Publications:

- - M. A. Dabaon, F .A .Zaher, and E . Amoush .“Moment-Rotation Relationship for Base Connections with Different Detail Configuration "Ain-Shams University, Faculty of Engineering, Scientific Bulletin, Vol.39, No.3, September 30, 2004.
- - A. H .SALEM, M .EL AGHOURY, M .T .HANNA, E .A. AMOUSH "Imperfections in Battened Columns Composed of Four Equal Cold Formed Angles "13th ICSGE, 27-29 Dec .2009, Cairo- Egypt.
- - M. A. El Aghoury , A. H. Salem , M.T. Hanna , E.A. Amoush, “Experimental investigation for the behaviour of battened beam-columns composed of four equal slender angles” Thin-Walled Structures 48 (2010) 669–683.
- - El Aghoury, M.A., Salem, A.H., Hanna, M.T., Amoush, E.A., “Ultimate capacity of battened columns composed of four equal slender angles” Thin-Walled Structures 63(2013), pp. 175-185
- - M.A. El Aghoury, A.H. Salem, M.T. Hanna, E.A. Amoush "Strength of cold formed battened columns subjected to eccentric axial compressive force" Journal of Constructional Steel Research 113 (2015) 58–70
- - Mohamed A. El Aghoury, Maged T. Hanna, Essam A. Amoush “Axial stability of columns composed of combined sigma CFS” SSRC, Proceedings of the Annual Stability Conference Structural Stability Research Council Orlando, Florida, April 12-15, 2016.
- - Mohamed A. El Aghoury, Maged T. Hanna, Essam A. Amoush “Experimental and theoretical investigation of cold-formed single lipped sigma columns” thin-walled structures, ,2017.
- -M. El. Aghoury, M.T. Hanna, E.A.Amoush “Strength of combined sigma cold formed section columns” EUROSTEEL 2017, September 13–15, 2017, Copenhagen, Denmark, © Ernst & Sohn Verlag für Architektur und technische Wissenschaften GmbH & Co. KG, Berlin ·CE/papers (2017
- - Essam A. Amoush, Mohamed A. Ghanem “Axially loaded capacity of alternatively strengthened cold-formed channel columns with CFRP” Journal of Constructional Steel Research 140 (2018) 139–152.

- - M.A. El Aghoury, E.A. Amoush, A.M. El Hady, S.M. Ibrahim " Numerical investigation of steel Built-up Columns Composed of Track and Channel Cold-Formed Sections" Stability and Ductility of Steel Structures 2019 – Wald & Jandera (Eds)© 2019 Czech Technical University in Prague, Czech Republic, ISBN 978-0-367-33503-8
- -Mohamed A. El Aghoury, Maged T. Hanna, Essam A. Amoush "Compressive Strength of Axially Loaded Built-up Sigma Cold Formed Sections Columns" Future Engineering Journal, Vol. 1, Iss. 1 [2020], Art. 2.
- - M.T.Hanna, Mohamed Massoud, E.A.Amoush "Strength of cold formed sections subjected to axial compressive force and bending moments" Proceedings of the Annual Stability Conference Structural Stability Research Council Atlanta, Georgia, April 21-24, 2020.
- - A.M. El Hady, M.A. El Aghoury, S.M. Ibrahim, E.A. Amoush "Experimental investigation of steel built-up beam-columns composed of tracks and channels cold-formed sections" Journal of Building Engineering 51 (2022) 104295.

Certifications or Professional Registrations:

Honors and Awards:

- Certificate of Reviewing from Ain Shams Engineering Journal 2017.
- Certificate From researcheracademy.com "Elsevier" of Completion in the following Topics:
 1. Guide to writing a manuscript in LaTeX
 2. Plagiarism
 3. How to prepare your manuscript
 4. Structuring your article correctly
 5. How to write an abstract and improve your article
 6. Successful research grant applications – getting it right
 7. Using proper manuscript language
- Certificate from Alison in the following items:
 1. Introduction to Structural Systems
 2. Diploma in Ship Construction

Teaching Experience:

From 1998 to 2022 teaching courses in steel structures, civil engineering drawing, structure, and concrete structures in the higher technological institute and other institutes.

Courses taught

3. - Steel Structures 1
4. - Steel Structures 2
5. - Steel Structures 3