



حاصلة على شهادة الاعتماد من الهيئة القومية  
لضمان جودة التعليم والاعتماد في 2012/7/12م



## Research Group 9

<b>Group Name</b>	<b>Topology.</b>
<b>Academic Year</b>	<b>2021</b>

<b>Basic Information</b>	
<b>Department</b>	<b>Mathematics</b>
<b>Location</b>	<b>Sohag University</b>

<b>Group Members</b>			
<b>No. of Prof.</b>	<b>No. of Ass. Prof.</b>	<b>No. of Lect.</b>	<b>No. of Ass. Lect. &amp; Demonstr.</b>
<b>1</b>	<b>1</b>	<b>-</b>	<b>1</b>



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### Staff members

#	Name	Scientific degree	e-mail	Specializations	C.V
1	Salah El-Din Abbas Ahmed	Professor	<a href="mailto:Sabbas73@yahoo.com">Sabbas73@yahoo.com</a>	Topology.	<a href="#">Salah El-Din Abbas - Google Scholar</a>
2	El-Sayed El-Sanousy Hussien	Ass. Professor	<a href="mailto:elsayed_hussien@science.sohag.edu.eg">elsayed_hussien@science.sohag.edu.eg</a>	Topology.	<a href="mailto:elsayed_hussien@science.sohag.edu.eg">elsayed_hussien@science.sohag.edu.eg</a>

### Ass. Lecturers & Demonstrators

#	Name	Scientific degree	e-mail	Specializations	C.V
3	Hossam Mahmoud Omar	Instructor	<a href="mailto:hossam.khaimy@gmail.com">hossam.khaimy@gmail.com</a>	Topology.	<a href="#">Hossam M. Khiamy - Google Scholar</a>

### Theses produced by the Lab

#### M. Sc Thesis

#	Name	Title	Approval date
1			

### Articles produced by the Lab

1. Fuzzy soft uniform spaces.	<a href="#">Soft Computing, 2017. 21(20): p. 6073-6083.</a>
2. Stratified modeling in soft fuzzy topological structures.	<a href="#">Soft Computing, 2018. 22(5): p. 1603-1613.</a>
3. Fuzzy soft filter convergence.	<a href="#">Filomat, 2018. 32(9): p. 3325-3336.</a>

4. <i>Fuzzy ideal topological spaces.</i>	<i>Journal of Intelligent and Fuzzy Systems</i> , 2019. <b>36</b> (6): p. 5919-5928.
5. <i>Connectedness in Fuzzy Soft Topological Spaces.</i>	<i>Bulletin of the Brazilian Mathematical Society</i> , 2019. <b>50</b> (3): p. 587-601.
6. <i>Fuzzy roughness via ideals.</i>	<i>Journal of Intelligent and Fuzzy Systems</i> , 2020. <b>39</b> (5): p. 6869-6880.
7. <i>On (L, M)-fuzzy convex structures.</i>	<i>Filomat</i> , 2019. <b>33</b> (13): p. 4151-4163.
8. <i>On separation axioms in (L, M)-fuzzy convex structures.</i>	<i>Journal of Intelligent and Fuzzy Systems</i> , 2021. <b>40</b> (5): p. 8765-8773.
9. <i>Concave (L, M)-fuzzy interior operators and (L, M)-fuzzy hull operators.</i>	<i>Computational and Applied Mathematics</i> , 2021. <b>40</b> (8).
10. <i>Fuzzy soft upper and lower semi-continuous multifunctions.</i>	<i>Annals of Fuzzy Mathematics and Informatics</i> , 2019 PP. 1-15.
11. <i>Characterizations of fuzzy <math>(\alpha, \beta, \vartheta, \delta, \ell)</math>-continuous multifunctions and their decomposition.</i>	<i>J. Math. Comput. Sci.</i> , 2021. <b>11</b> (4): p. 3949-3962.
12. <i>On upper and lower contra-continuous fuzzy multifunctions.</i>	<i>Punjab University Journal of Mathematics</i> , 2020. <b>47</b> (1).
13. <i>Fuzzy rough sets with a fuzzy ideal.</i>	<i>Journal of the Egyptian Mathematical Society</i> , 2020. <b>28</b> (1): p. 1-13.
14. <i>Initial fuzzy soft closure structures.</i>	<i>Annals of Fuzzy Mathematics and Informatics</i> , 2019. <b>17</b> (2): p. 175-189.
15. <i>Generalized Forms of Upper and Lower Continuous Fuzzy Multifunctions.</i>	<i>Journal of New Theory</i> , 2019(26): p. 1-12.
16. <i>Generalized upper and lower continuous multifunctions.</i>	<i>Annals of Fuzzy Mathematics and Informatics</i> , 2018. <b>15</b> (3).
17. <i>Fuzzy topological concepts via ideals and grills.</i>	<i>Annals of Fuzzy Mathematics and Informatics</i> , 2018. <b>15</b> (2): p. 137-148.
18. <i>A new method on solving intuitionistic fuzzy transportation problem.</i>	<i>Annals of Pure and Applied Mathematics</i> , 2017. <b>15</b> (2): p. 2279-0888.
19. <i>Fuzzy soft <math>(\alpha, \beta, \vartheta, \delta, l)</math>-continuous functions.</i>	<i>Journal of the Egyptian Mathematical Society</i> , 2017. <b>25</b> (1): p. 59-64.