

Curriculum Vitae

Dr. Saad Owaid Bedaiwi

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PERSONAL SUMMARY:

- Teaching and researching in the field of algebra, particularly, representation theory with computer algebra system "GAP". GAP - Groups, Algorithms, Programming - a System for Computational Discrete Algebra. <http://www.gap-system.org/>

EDUCATION:

- Ph.D.** University of Science and Technology of China, Department of Mathematics, 2001- Jan-2005.

M.Sc. in mathematics science, Al-Mustansiriyah university, College of science, 1994-1997.

B.Sc. in Mathematics science, Al-Mustansiriyah university, College of science, 1990-1994.

ACADEMIC HONORS AND AWARDS:

A warded full scholarship for the period (2001-2005), by the CSC (Chinese Scholarship Council) for PhD program in mathematics.

ACADEMIC /TEACHING EXPERIENCE:

- Lecturer at Dept. of Math. college of science –Al-Mustansiriyah University. 1997-till present.

COURSES TAUGHT:

Undergraduate	Graduate
Mathematical Analysis, Calculus and Geometry, Advanced Calculus and Programming, Abstract algebra,) 1997-2001 and (Abstract Algebra, Calculus and Geometry, Modules and Rings) Jan-2005 till present.	Supervision three M.Sc. thesis.

PROFESSIONAL AFFILIATIONS:

- Seminar and conferences committee –Dept. of Math.
- Computers and smart devices maintenance committee –Dept. of Math.

PUBLICATIONS:

[1] Alta'ai and Saad, "Representation of Topological groupoid", *Al-Mustansiriya J. of Sci.*, 1999, 10(2): 92-96.

[2] Saad. A. and Shangzhi. L. "An Investigation on the Parabolic Subgroups of the General Linear Groups by Using GAP". *Chin. Quart. J. of Math.* 2004, 19(3): 221-231.

[3] Saad. A. and Shangzhi. L. "On Representation of the General Linear Groups and Some Subgroups", *Chin. Quart. J. of Math.* 2004.

[4] Saad. A. and Shangzhi. L. "On Representation of Certain Subgroups of the General Linear Groups", *J. of university of sci. and tech. of China*, 2005 ,Accepted.

[5] Saad. A. and Shangzhi. L. "Computing Induced Characters From Maximal Parabolic Subgroup", Submitted.

[6] Saad. A. "Investigating some p-groups using the computer algebra system GAP", proceeding of the 6th sci. of k.u. 2010. 125-130.

[7] Saad. A. Ayaad Abdul-Star., " On representation of monomial Groups" . *JNUS.* 2011. 14(3): 135-138.

[8] SAAD. O. , MAROA. S., " CHARACTER TABLE OF $EEEE(GG \times HH)KK\Omega$ VIA COMPUTER ALGEBRA SYSTEM GAP", *International Journal of Mathematical Archive (IJMA)*, 7(2), 2016, 1-6.

[9] SAAD O., ZAINAB. S., " TENSOR AND DUAL REPRESENTATIONS FOR $SU(2)$ BY THE MATRIX LIE ALGEBRAS $su(2)$ AND $sl(2)$ ", *International Journal of Mathematical Archive (IJMA)*, 7(5), 2016, 13-17

[10] Saad. O., Maroa . S. "Computing and Investigating Permutation Characters", *International Journal of Engineering and Applied Sciences (IJEAS)*, Volume-3, Issue-5, May 2016.

[11] SAAD O., Maroa. S., " CONSTRUCTING CHARACTER TABLES FOR CERTAIN GROUPS BY DIXON-SCHNEIDER ALGORITHM", *Al-Mustansryah Journal of Science*, V(27),3. 2016.

[12] SAAD O., ZAINAB. S.," Adjoint representation for $SU(2)$, $su(2)$ and $sl(2)$ ", *Al-Mustansryah Journal of Science*,V(27), 4. 2016.

[12] Saad O., "Investigating Particular Representations for Matrix Lie Groups $SO(3)$ and $SL(2, \mathbb{C})$ ", Iraqi Journal of Science, 2019.

PROFESSIONAL DEVELOPMENT

(a) Semeinar on Geometric Computation, University of Science and Technology of China, Hefei, China, April 24-26, 2002.

(b) Ninth National Conference on Algebra, University of Science and Technology of China, Huang-Shan, Oct. 9-13, 2004.