



IRAQI AL-KHWARIZMI ASSOCIATION

PROCEEDINGS BOOK



***Fifth International Scientific
Conference of Iraqi Al-
Khwarizmi Association In
Karbala***



INTRODUCTION

Scientific societies have played a prominent role in advancing science and linking it to society. Scientific societies were built on the basis of volunteerism through the efforts of scientists, researchers, and academics.

At the international level, the Scientific Society is founded on a sincere voluntary desire by groups of learners and intellectuals to contribute to the collection and dissemination of useful information in the field in which we work among members of society without regard to the material output resulting or expected for its members.

the Al-Khwarizmi Iraqi Society is one of the scientific societies concerned with the dissemination of the culture of mathematics and its sciences and includes the disciplines of mathematics, computer, statistics, and physics. It was established under the Law of Scientific Associations No. 55 of 1981 and its amendments as per the Ministerial Order No. (3/10793) in 10/10/2012. It works according to an internal system approved by the Legal Department of the Ministry of Higher Education and Scientific Research. The members of Al-Khwarizmi Iraqi Society based in the province of Qadisiyah aims to open other branches to it in the rest of the provinces.

1. Cooperation to raise the level of instruction and scholarship in the subject areas of the Association's specialties.
2. Promoting scientific research and sharing in the research, exchanging its results and linking applied research topics to the needs of Iraqi society.
3. Documenting cooperation between the corresponding departments inside and outside Iraq through the members of the Association.
4. Issue a quarterly Iraqi scientific journal in the specialties of the Society.
5. Unification of scientific terminologies in the specialties of the Association and encourage Arabization and composition in the Arabic language.
6. Attracting the scientific expertise and expertise from outside Iraq to benefit from their potential and to find out what is new in the fields of the Association's specialties.
7. Provide opportunities to complete the graduate studies of the members of the Association in coordination with the members of the Assembly as much as possible.

The Assembly adopted some means to achieve the objectives of the above-mentioned Association, as indicated in the following:-





1. Holding lectures, seminars, and conferences to discuss innovatively and applied research and findings of the member researchers as well as discuss the problems of society.
2. Issuing scientific journals and publications reflecting their activities, including research of their members and their achievements and exchanging with their counterparts locally and internationally.
3. Establishing scientific libraries through exchange or acquisition.
4. Organizing meetings or periodic meetings to study the new scientific terminology.
5. Organizing courses and studies for the activation and scientific modernization of the members.
6. To establish meetings between the Association and some scientific bodies rather than to serve the community.
7. Providing consultancy and technical services.
8. Provide a data room and a specialized library that combines scientific activity in the fields of the Society's specialties.



• SCIENTIFIC COMMITTEE

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1. Prof. Dr. Noori Farhan Almayahy
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3. Asst.Prof. Dr.Mohannad Faiz Alsaadony

• Scope of Physics

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2. Asst.Prof.Dr. Abdulhusein Abbas Khdhair
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