

Lotfi A.Zadeh's life and his scientific legacy

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Abstract: This paper describes Professor Lotfi A.Zadeh's life and his scientific legacy. The work begins with his birthplace, Baku, Azerbaijan, as well as the period of residence in Baku from birth until he was 10 years old. After that, he moved to Iran, where he lived from until he turned 23 years old. Afterwards, he moved to the States for the purpose of getting an education. The paper also describes Studying and working in the States (Doctoral studies) and some information about his Family. Zadeh's articles and the first results of scientific work, as well as Scientific discoveries (how the theory was born, the history of this theory and features) are described in this work too.

His collaboration with other scientists (his teacher Norbert Wiener, Rudolf Kalman, Charles A.Desoer and others) is written in detail in this paper. The paper describes scientific life by years to the last stage of life. The very important conferences and symposiums that he participated in and made presentations as a keynote speaker are described in this paper.

The paper also describes his visit to his country of origin, Azerbaijan, and participated in International Exhibition Telecommunications and Information Technologies - BakuTel2008 as well as attended reception of the President of Azerbaijan and met with his close scientific friends.