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## Resume of Turgut Sarpkaya, 1984-01

Sarpkaya, Turgut

Monterey, California: Naval Postgraduate School

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## RESUME OF TURGUT SARP KAYA

Turgut Sarpkaya was born in 1928 in Turkey. He received the MSME degree in 1951 from the Technical University of Istanbul. After graduate study and research assistantship at the University of Michigan and the University of Iowa, he received the degree of Doctor of Philosophy with major in engineering mechanics and fluid mechanics and minor in mathematics in 1954 from Iowa.

In June, 1954, he joined the faculty of the Massachusetts Institute of Technology. In March, 1955, he became a lecturer at L'Institut de Henri Poincare of the University of Paris. Following a year and a half military service, he joined the faculty of Nebraska in 1957, where he served ultimately as a Thomas L. Fawick Distinguished Professor of Mechanical Engineering until 1966. In 1966 he became a Visiting Research Professor in the Department of Fluids and Mathematics of the University of Manchester in England.



In August, 1967, he joined the faculty of the Naval Postgraduate School, Monterey, California, as Professor and Chairman of the Department of Mechanical Engineering. After four years, he relinquished the chairmanship duties and took a sabbatical leave for the academic year, 1971-72, to engage in research at the University of Göttingen. The Naval Postgraduate School made him Distinguished Professor in 1975.

During the past fourteen years he conducted research in hydrodynamics, and marine engineering through grants and contracts awarded to him by the National Science Foundation, U.S. Army, ONR, Harry Diamond Laboratories, David W. Taylor Model Basin, and NAVAIR.

In 1957 and 1967 he was awarded the Collingwood Prize and the Lewis F. Moody Award of ASME for his contributions to fluid dynamics. He was awarded the Sigma Xi Research Award in 1971. Since 1960 he has been active as a consultant to several industries on aeroelastic oscillations, pneumatic roll attitude control systems, and design of offshore structures. In 1980, he authored a book on The Mechanics of Wave Forces on Offshore Structures.

He is a fellow of ASME and the Royal Institution of Naval Architects, a member of AIAA, ASEE, IAHR, Editorial Board of Zentral Blatt fur Mathematik, Fluidics Quarterly, Hydromechanics, Fluid Dynamics Committees of ASME, Sigma Xi, Sigma Tau, Pi Tau Sigma, and Review Chairman of several journals. He is cited in "Who's Who in Engineering," "American Men of Science," "Who's Who in America," "Who's Who in the World," etc.