

Peter P. Chen

Entity-Relationship Approach

The Use of ER Concept in Knowledge Representation.



IEEE CS Press/North Holland

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The papers appearing in this book comprise the proceedings of the 4th international conference on Entity Relationship Approach, Chicago IL, 29-30 October 1985. They reflect the authors' opinions and are published as presented and without change, in the interests of timely dissemination. Their inclusion in this publication does not necessarily constitute endorsement by the editors, IEEE Computer Society Press or the Institute of Electrical and Electronics Engineers, Inc.

Published by IEEE Computer Society Press
1730 Massachusetts Avenue, N.W.
Washington, D.C. 20036-1903

Distributed outside the USA and Canada by
North-Holland
(A Division of Elsevier NV)
P.O. Box 1991
1000 BZ Amsterdam, The Netherlands

ISBN 0 444 87951 x

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Dedicated to the Memory of
DR. KING-SUN FU

We express a deep sense of sorrow for the death of our Conference Chairman Dr. King-Sun Fu, Goss Distinguished Professor of Engineering, Professor of Electrical Engineering, and Director of the NSF Engineering Research Center on Intelligent Manufacturing Systems at Purdue University, West Lafayette, Indiana.

Dr. Fu was born on October 2, 1930, in Nanking, China. He received a B.S. degree in Electrical Engineering in 1953 from the National Taiwan University, an M.A. degree in Science in 1956 from the University of Toronto, and a Ph.D. degree in 1959 from the University of Illinois. He died on April 29, 1985.

Dr. Fu's professional accomplishments are too numerous to be listed here. His name is synonymous with syntactic pattern recognition and its applications. He brought together leaders in pattern recognition from all over the world and coordinated the founding of the International Association for Pattern Recognition (IAPR). The bi-annual international conference sponsored by IAPR has become the principal forum for presenting new ideas and results in the area of pattern recognition.

Dr. Fu was a fellow of the IEEE, a member of the National Academy of Engineering, a member of Academia Sinica, and a Guggenheim Fellow. He received the IEEE Award of Service in 1971, ASEE Senior Research Award in 1981, IEEE Educational Medal in 1982, and AFIPS Harry Goode Memorial Award in 1982. He served as Vice President for Publications for the IEEE Computer Society in 1982-83. He won and received several awards from the IEEE Computer Society, including the Outstanding Paper Award in 1973, Honor Roll in 1973, Certificate of Appreciation in 1977 and 1979, and Special Award in 1982. He also served as editor and associate editor of seven international journals in the areas of information science and pattern recognition. He was instrumental in starting the prestigious journal *IEEE Transactions on Pattern Analysis and Machine Intelligence*. Dr. Fu was author of four widely adopted textbooks, editor or coeditor of over 15 books, author or coauthor of over 130 journal papers and over 300 conference papers. He had over 75 doctoral students.

Dr. Fu will be missed by all of us. His enormous energy in life has motivated all of us around him. This volume of papers on Entity-Relationship Approach is dedicated to the memory of Dr. King-Sun Fu.

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*This paper not received in time for publication.