



Dr. Charles Suffel

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Sponsored by: The Center for Faculty Development
Department of Mathematical Sciences, United States Military Academy



Abstract: “Reinvention of the wheel can be a good thing”

Dr. Suffel will be giving a talk concerning an extension of an important result in the field of graph theory, due to the famous graph-theorist Turan, developed and proven by the SIT / SHU Graph Theory Group . We “reinvented the wheel “ in that, unbeknownst to us, the result had been previously established by another pioneer of graph theory , Erdos. He will be presenting a proof of Turan’s result and the extension which we believe to be “ pedagogically nice “ and attempt to convince you that the so-called reinvention led to further interesting generalizations of the extension.

Bio

Charles Suffel is Dean of Graduate Studies at Stevens. Earlier, Suffel served as a member of the technical staff at Bell Laboratories and taught at Brooklyn Polytechnic. Suffel's research interests include graph theory with an emphasis on network reliability and combinatorics. The author of more than 50 technical papers and books, he was managing editor of *Networks*, an international journal of applied mathematics, and is now an associate editor of the journal. At Stevens, he was named Outstanding Teacher twice and was co-recipient of the Jess H. Davis Research Award. Recipient of an honorary master of engineering degree by the college, Suffel also received the Henry Morton Distinguished Teaching Professor Award. He was a participating scholar in the Scientist-in-Residence Program of The New York Academy of Sciences and was also Scholar in Residence at Purdue. Suffel earned three degrees from the Polytechnic Institute of Brooklyn--a B.S. and an M.S. in Electrical Engineering and a Ph.D. in Mathematics.