

Lowel's Light News, subheaded "An Occasional, Casual Compendium of Notices, Anecdotes, Important Information, Suggestions, Dilemmas, Facts, Propaganda and Virtually Everything Else (except Advice-to-the-Lovelorn) from the People at Lowel," is available upon request from Lowel, 475 Tenth Ave., New York, NY 10018. The headline on the lead article in the first issue is "Better Light Than Never." The subhead is "The Distinguished Lowel Quartz D has finally been extinguished. And in its place has arisen (like the phoenix) our DP light. But D owners need not despair." The article assures owners of D lights that they can be supplied with retrofit packages which can replace existing parts on the D "quickly and inexpensively."

The **Leader Instruments** updated 1982/83 test and measurement equipment catalog is available upon request from Leader Instruments Corp., 380 Oser Ave., Hauppauge, NY 11788. The 52-page catalog provides descriptions, photos, and specifications of 70 products including oscilloscopes, frequency counters, ac multivolt meters, signal, function, and sweep generators, and video and audio test instruments.

Booklets and Catalogs

Scotch Videotape Products for the 80's, a 12-page, illustrated catalog describing in detail Scotch helical videotape and videotape accessories is available from Magnetic Audio/Video Products Div., 3M Center, St. Paul, MN 55144. Full descriptions of Color Plus Master Broadcast U-matic 3/4-in videocassettes as well as the U-matic High Energy series are given with information about helical open reel products. In addition, the Sight and Sound series of how-to videotapes, available in VHS, Beta, and U-matic formats, is reviewed in the catalog.

Erratum

July, 1982 *Journal*, p. 651.

The biographical information re Arthur P. Willis, a member of the Board of Editors, contains the information that he is responsible for the New York City region with the exception of Manhattan. It should read that he is responsible for New York City with the exception of Manhattan, as well as Westchester County and Long Island.

OBITUARY

Vladimir Kosma Zworykin

Vladimir Kosma Zworykin, born July 30, 1889, in Mouron, Russia, died July 29, 1982, at the Princeton Medical Center. His home was in Princeton, N.J.

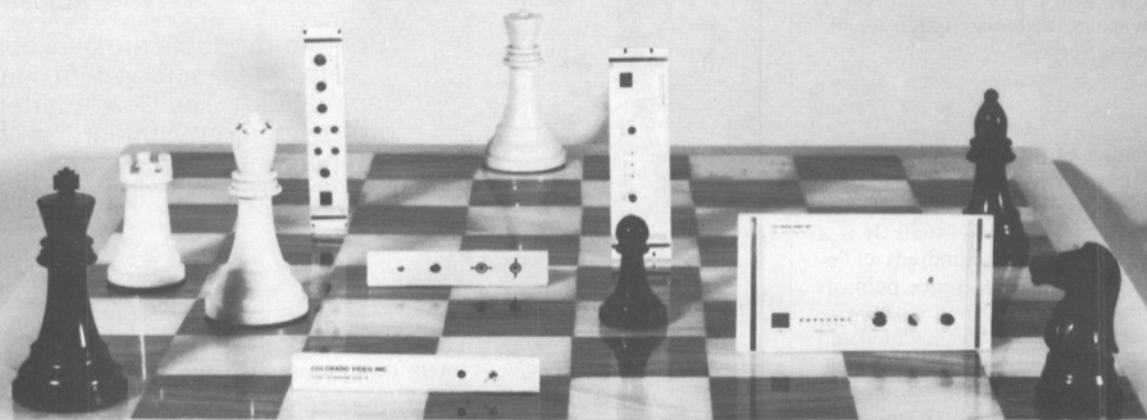
An Honorary Member of the SMPTE, Zworykin has frequently been referred to as the "father of television," mainly because of his invention of the iconoscope and the kinescope, which made possible today's electronic television. In 1923 he applied for a patent for a television system, but because of delaying objections by the U.S. Patent Office the patent was not granted until December 1938. Zworykin himself was quick to disclaim the designation of "father of television," pointing out that television had "many fathers" and that no one scientist out of the many whose inventions and developments led to modern television could be the sole progenitor.

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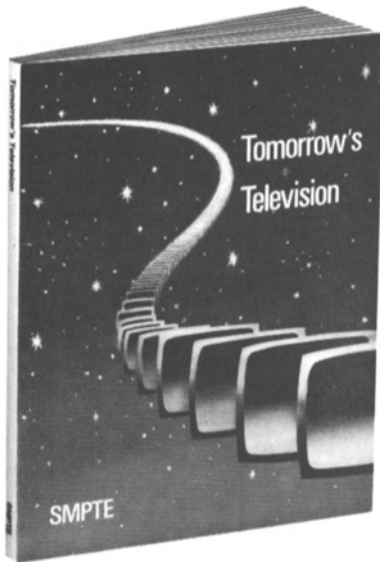
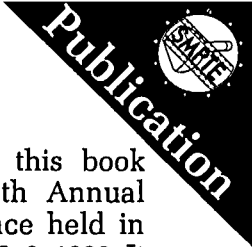


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Vladimir Zworykin

During World War I, Zworykin was an officer in the Russian Signal Corps. After the war he made two trips around the world, arriving in the United States in 1919. He later became a citizen of the United States. He was employed by Westinghouse, and in 1926 he received a doctorate from the University of Pittsburgh. In 1929 Zworykin joined RCA as Director of the Electronic Research Group. In 1947 he was made Vice-President and Technical Consultant of the RCA Laboratories Division. During his distinguished career with RCA, Zworykin was granted some 100 U.S. patents on his various inventions, including the famous electron microscope.

When he retired from RCA in 1954, the Board of Directors elected him an Honorary Vice-President. He maintained offices at the David Sarnoff Research Center in Princeton where, almost to the end of his life, he continued his creative development of ideas for the improvement of television.

Zworykin's father was a shipowner who operated a passenger line between Mouron (the small town where Zworykin was born) and Nijni on the Oka River. In later life, Zworykin would say that his interest in electronics began at the age of eight. He was on his father's ship when his childish curiosity was aroused as he saw his father depress a button and instantly receive a response from another part of the ship. He credited this incident with starting him in the direction he was to follow in his adult years.

He was graduated in 1912 from the St. Petersburg Institute of Technology with a degree in electrical engineering. He studied under Professor Boris Rosing, a Russian scientist who devised the first cathode-ray television system and who was one of the great influences in Zworykin's life and career.

Zworykin was made an Honorary Member of the SMPTE in 1950. That same year he was the recipient of the Progress Medal Award for "outstanding contributions to the development of television." In addition to the SMPTE Progress Medal, he received many prestigious international awards, among them the National Medal of Science, this nation's highest scientific honor, awarded to him in 1966.

One of the highlights of the SMPTE's 122nd Conference in New York in the fall of 1980 was the showing of a videotaped interview with Zworykin, produced and directed by Stephen Chamberlain and Richard Marcus. At the close of the taped interview, the audience was treated to the unexpected appearance of Dr. Zworykin, who came to the podium with (then) SMPTE President Robert M. Smith, who paid tribute to Zworykin's extraordinary life and accomplishments.

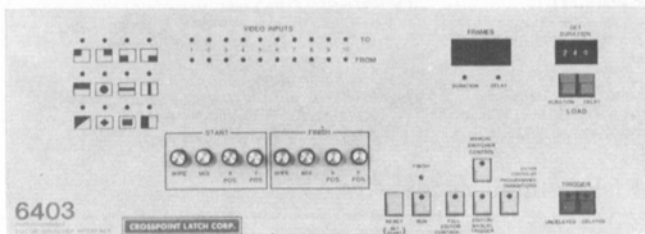
Zworykin is survived by his wife, Katherine, a daughter, Elaine Knudsen, and seven grandchildren.

—Rae Hargrave

See "Pioneers of Television — Vladimir Kosma Zworykin" by Albert Abramson in the July 1981 SMPTE Journal (pp. 579-590.)

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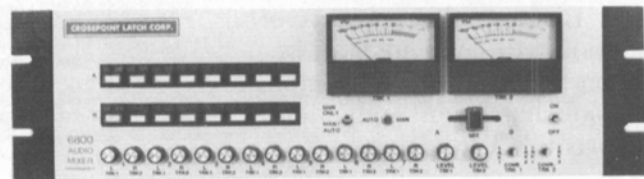
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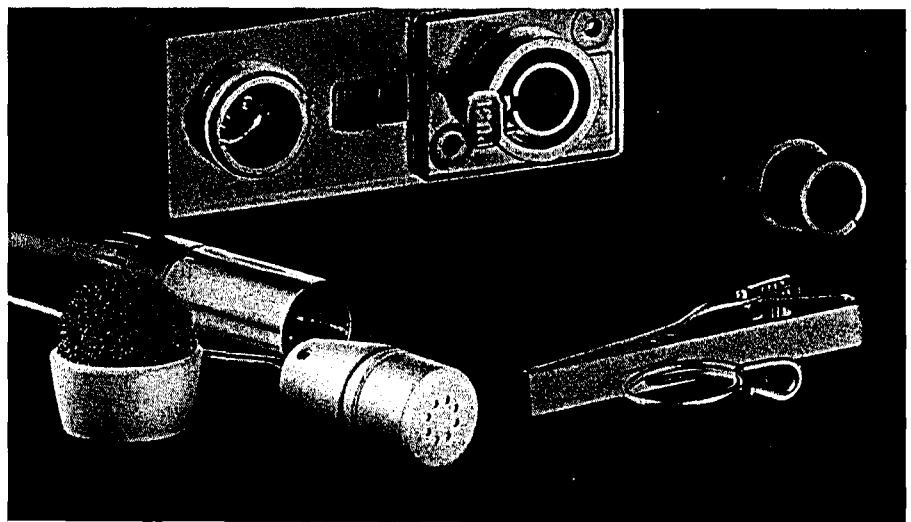
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