COMMUNICATION SCIENCES AND ENGINEERING

XVII. STATISTICAL COMMUNICATION THEORY*

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A. WORK COMPLETED

1. STATISTICS OF SWITCHING-TIME JITTER FOR A TUNNEL DIODE THRESHOLD-CROSSING DETECTOR

This study has been completed by D. E. Nelsen. It was submitted as a thesis in partial fulfillment of the requirements for the Degree of Doctor of Philosophy, Department of Electrical Engineering, M.I.T., May 1966.

A. G. Bose

2. STATE-VARIABLE APPROACH TO CONTINUOUS ESTIMATION

This study has been completed by D. L. Snyder. It was submitted as a thesis in partial fulfillment of the requirements for the Degree of Doctor of Philosophy, Department of Electrical Engineering, M.I.T., February 1966.

H. L. Van Trees

3. DIRECT-CURRENT CONVERTER USING TWO-STATE MODULATION

This study has been completed by D. H. Wolaver. It was submitted as a thesis in partial fulfillment of the requirements for the Degree of Master of Science, Department of Electrical Engineering, M.I.T., May 1966.

A. G. Bose

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4. DIGITAL SIMULATION OF AN FM BAND-DIVIDING DEMODULATOR

This study has been completed by V. Castellani. It was submitted as a thesis in partial fulfillment of the requirements for the Degree of Master of Science, Department of Electrical Engineering, M.I.T., May 1966.

H. L. Van Trees

5. EFFECTS OF DIRECTIONAL RADIATION FROM VIOLINS UPON THEIR RECORDED SOUND

This study has been completed by V. Nedzelnitsky. It was submitted as a thesis in partial fulfillment of the requirements for the Degree of Bachelor of Science, Department of Electrical Engineering, M.I.T., May 1966.

A. G. Bose

6. A TRANSISTORIZED FILTER FOR THE REDUCTION OF PULSE-TYPE NOISE

This study has been completed by J. M. Steele. It was submitted as a thesis in partial fulfillment of the requirements for the Degree of Bachelor of Science, Department of Electrical Engineering, M.I.T., May 1966.

A. G. Bose

7. SUBJECTIVE STUDIES OF SPEECH QUANTIZATION

This study has been completed by R. W. Koralek. It was submitted as a thesis in partial fulfillment of the requirements for the Degree of Bachelor of Science, Department of Electrical Engineering, M.I.T., May 1966.

J. D. Bruce

8. DESIGN AND CONSTRUCTION OF A TAPE DELAY SYSTEM

This study has been completed by P. D. Wolfe. It was submitted as a thesis in partial fulfillment of the requirements for the Degree of Bachelor of Science, Department of Electrical Engineering, M.I.T., May 1966.

J. D. Bruce