



to PCM and the necessary hardware is described for the ADPCM encoder. Other areas in the article go into the design of hardware and software necessary for creating vocabularies, speaker verification, methods of digitizing speech, and hardware necessary for supporting the multitasking operating system.

6. DATAMATION, August 1974, Vol. 20, Number 8

Frank, H. and L. Hopewell, "Network Reliability", pp. 85-91.

The authors are in the business of network architecture design. In this article they develop "network reliability" as a design criterion. Network reliability is defined and reliability measures are defined. The definitions are supported by several case studies including a financial organization, the Federal Reserve System, the Arpanet, and the Federal Aviation Administration.