September 11, 1953, Afternoon Session

Business data handling
Premium billing performed by large-scale computers
Periodic billing and accounting
The development and application of electronic equipment in Monsanto's accounting department
Experience with the Census UNIVAC
Budget computation on IBM 701

R. A. Mangini, John Hancock Life Insurance Co.
R. T. Wiseman, Sun Life Assurance Co. of Canada, Montreal, Canada
E. F. Cooley, Prudential Insurance Co. of America, Newark, N. J.
E. J. Cunningham, Monsanto Chemical Co., St. Louis, Mo.

OTHER AIDS TO COMPUTATION

BIBLIOGRAPHY Z

To be used for representing spatial figures on a plane.

A combination of variable speed drive and d.c. feed back integrator constitutes an integrator whose input is a voltage regarded as a function of the time and with mechanical counter output.

This article contains brief descriptions and photographs of REAC equipment and components including the servo multiplier and resolver and function generator. Also various applications to engineering problems are described.


Various types of digital and analogue computers are described. A chart is given, showing the relative suitability of these types for aircraft design.
problems. The organization, personnel problems, power requirements and space layout for an engineering computing center are considered.

F. J. M.


Various network type analogues and a differential analyzer are discussed.


This article describes a small differential analyzer built by A. B. MACNEE and using his multiplying unit.


Principles and certain engineering applications of an electronic differential analyzer based on a feed back d.c. amplifier are discussed.


A method of setting up a mechanical analogue with lumped masses and linear springs for structural vibration problems is described.


A manually adjusted resistance network is described.


An explanatory article with engineering examples.


A circular nomogram for applying the "t test" to determine the significance of a difference of means.