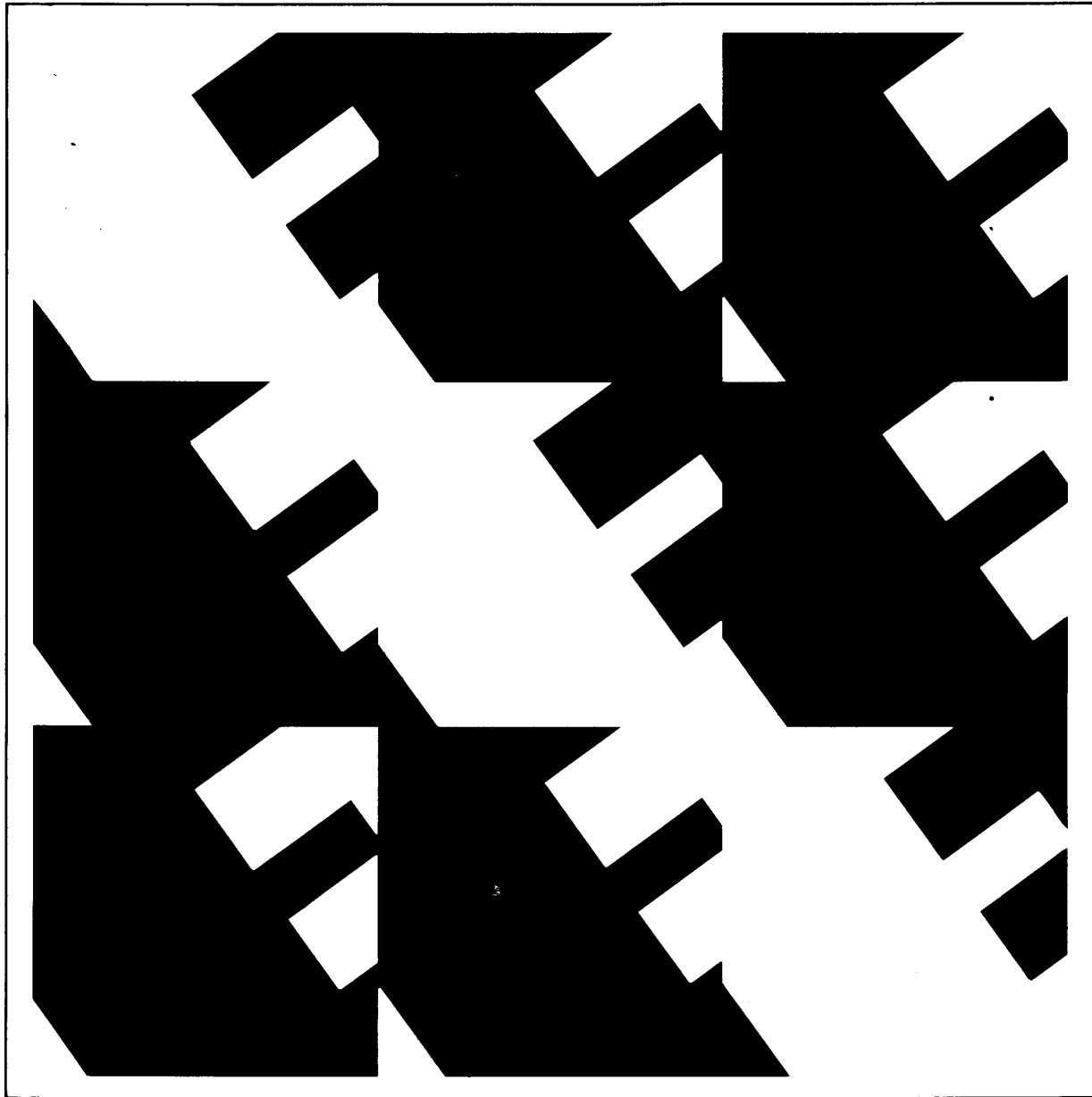


IEEE Standard Definitions of Terms for Analog Computers

ANSI/IEEE Std 165-1977



Published by The Institute of Electrical and Electronics Engineers, Inc 345 East 47th Street, New York, NY 10017, USA

August 29, 1977

SH06494

An American National Standard

**IEEE Standard Definitions of
Terms for Analog Computers**

Sponsor
**Standards Committee of the
IEEE Computer Society**

Approved June 3, 1976
Reaffirmed December 13, 1984

IEEE Standards Board

Approved May 3, 1985
American National Standards Institute

© Copyright 1977 by

**The Institute of Electrical and Electronics Engineers, Inc
345 East 47th Street, New York, NY 10017, USA**

*No part of this publication may be reproduced in any form,
in an electronic retrieval system or otherwise,
without prior written permission of the publisher.*

When the IEEE Standards Board approved this standard on June 3, 1976, it had the following membership:

William R. Kruesi, *Chairman*

Irvin N. Howell, Jr, *Vice Chairman*

Ivan G. Easton, *Secretary*

**William E. Andrus
Jean Jacques Archambault
Dale R. Cochran
Warren H. Cook
Louis Costrell
Jay Forster
Joseph L. Koepfinger**

**Irving Kolodny
Benjamin J. Leon
John P. Markey
Thomas J. Martin
Donald T. Michael
Voss A. Moore
William S. Morgan**

**William J. Neiswender
Gustave Shapiro
Ralph M. Showers
Robert A. Soderman
Leonard W. Thomas, Sr
Charles L. Wagner
William T. Wintringham†**

† Deceased

Foreword

(This Foreword is not part of IEEE Std 165-1977, Standard Definitions of Terms for Analog Computers.)

Since 1958, when its Subcommittee on Analog Computers — Definitions and Symbols — initiated work on definitions for analog computer terms, the IEEE has been actively involved in the standardization of terminology relating to electronic computers. The need for standardized terminology in electrical and electronics technology was apparent from the earliest days of the IEEE's predecessor societies, and much of the significant standards contribution during the last eighty years has been in standard definitions.

The work was performed by the Standards Subcommittee on Analog and Hybrid Linkage Components, chaired by Arthur I. Rubin, who was the sole contributor. Many thanks are due to those who made helpful comments and suggestions for improving the definitions. These include A. Anuff, B. B. Barrow, G. S. Axelby, G. H. McAfee, and W. T. Wintringham. In addition, the Standards Committee of the Society for Computer Simulation also reviewed this standard.

The first edition of IEEE Std 165-1963 was approved in 1962 and published in the following year. That standard was reaffirmed in 1972, and work on the present revision was undertaken shortly thereafter. In addition to this revised standards document, the IEEE Computer Society has undertaken more than a dozen specialized computer definition standards projects which are in progress at the time this revision is published. It is hoped that this work will substantially improve communications between all those working within the technology.