## VAN NOSTRAND REINHOLD DICTIONARY OF

## INFORMATION TECHNOLOGY

THIRD EDITION

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First edition published 1982 Hardcover reprinted 1983 Paperback reprinted 1984

Second edition published 1985 Paperback reprinted 1985, 1986

Third edition first published 1989 by THE MACMILLAN PRESS LTD. London and Basingstoke

Published in the United States of America by VAN NOSTRAND REINHOLD COMPANY INC. 115 Fifth Avenue New York, NY 10003

ISBN 0-44-223685-9

Library of Congress Catalog Card no. 88-27989

Associated companies in Auckland, Delhi, Dublin, Gaborone, Hamburg, Harare, Hong Kong, Johannesburg, Kuala Lumpur, Lagos, Manzini, Melbourne, Mexico City, Nairobi, New York, Singapore, Tokyo.

## **British Library Cataloguing in Publication Data**

Longley, Dennis
Macmillan dictionary of information technology. — 3rd. ed.
1. Information systems
I. Title II. Shain, Michael
III. Langley, Dennis. Dictionary of information technology
001.5

ISBN 0-333-44971-1

Printed in Great Britain

conventional systems (e.g. satellites). See COMMUpower with satellite system, semiconductor nications 9 access lacking systems

set with no line spacing between the lines. type In printing,

solid-state camera. In television, a television camera in which the optical image is projected onto a large-scale integrated cirprojection typically a charge-coupled device, which detects the light image and develops the television signal. See CHARGE-COUPLED DEVICE. In electronics, a device whose operation depends upon the behasignals in solids (e.g. transistors, integrated circuits). See CHIP, SEMICONDUCTOR, TRANSISTOR. viour of electrical or magnetic solid-state device.

solidus. In printing, a diagonal typographic sign. Synonymous with SLASH.

soliton. In optoelectronics, a pulse of coherent light that either does not change shape or has a shape that varies periodically, with propagation along an optical fiber, returning to its original shape. See FIBER

See START OF MESSAGE SOM.

See FATHER FILE Son file.

sonic. Pertaining to the audible frequency range (20-20 000 Hz).

sort key. In databases, a field of a data record that is used to determine the order of that record in a set of sorted data (e.g. an employee's name when sorting personnel records in alphabetical order of employees? field of a data names). See FIELD, RECORD.

See SILICON ON SAPPHIRE. **SOS**.

sound. (1) A train of compression waves transversing air, or other gaseous, liquid or solid material at a frequency, or combination of frequencies in the range 20-20 000 Hz. (2) In filming, a term for all or any of the aural elements in film production.

tance, in frames or inches, between a point Sound advance.

on the sound track and the corresponding Sound-reading head cannot occupy the same Sound synthesizer

space as the camera aperture. See ADVANCE. sound attribute.

cular property assigned to all or part of the sound information of an interactive compact disc (e.g. language) bandwidth. (Philips). See BANDWIDTH, COMPACT DISC - INTERACTIVE.

Synonymous with AUDIO CHIP. sound chip.

sounds produced from electronics, recording In filming and broadcasting, or other devices to give the impression of realistic effects. Sound effects.

logued sound effects stored on a recording A collection of catamedium. See sound effects. sound effects library.

sound film strip projector. In audiovisual aids, a film strip projector with an associated or built-in sound-reproducing unit. See FILM STRIP.

sound group. In optical media, part of the user data field in an adaptive delta pulse code modulation (ADPCM) audio sector on an interactive compact disc. Each ADPCM audio sector has 18 sound groups. (Philips). See ADAPTIVE DELTA PULSE CODE - INTERACTIVE. LATION, COMPACT DISC

sound head. In recording, the device that detects the audio signal from a recording medium. See MAGNETIC HEAD.

numbers from 1 to 100, or a set of commonly occurring words such as yes, 'no'). (Phior sound sequence stored in computer form or sound sequence stored in computer form (e.g. a standard set of words such as the In audio, a predefined sound

ips). See speech synthesizer.

sound sheets. In recording, a flat magnetic vinyl dictation-recording medium.

ces, a slide projector with an associated or ces, a slide projector with an it. The sound-built-in sound-reproducing unit. The sound-unit may control the slide advance automation may control the slide advance cally. See SLIDE/SYNC RECORDER.

SPEECH SYNTHESIZER. sound synthesizer.