
An Introduction to Intelligent and Autonomous Control

edited by

Panos J. Antsaklis

University of Notre Dame

&

Kevin M. Passino

The Ohio State University



KLUWER ACADEMIC PUBLISHERS

BOSTON/DORDRECHT/LONDON

Distributors for North America:

Kluwer Academic Publishers
101 Philip Drive
Assinippi Park
Norwell, Massachusetts 02061 USA

Distributors for all other countries:

Kluwer Academic Publishers Group
Distribution Centre
Post Office Box 322
3300 AH Dordrecht, THE NETHERLANDS

Library of Congress Cataloging-in-Publication Data

An Introduction to intelligent and autonomous control / edited by Panos J. Antsaklis & Kevin M. Passino.

p. cm.

Includes bibliographical references and index.

ISBN: 0-7923-9267-1

1. Intelligent control systems. I. Antsklis, Panos J. II. Passino, Kevin M.

TJ217.5.A5 1992

629.8'9--dc20

92-18192

CIP

Copyright © 1993 by Kluwer Academic Publishers

All rights reserved. No part of this publication may be reproduced, stored in a retrieval system or transmitted in any form or by any means, mechanical, photo-copying, recording, or otherwise, without the prior written permission of the publisher, Kluwer Academic Publishers, 101 Philip Drive, Assinippi Park, Norwell, Massachusetts 02061.

Printed on acid-free paper.

Printed in the United States of America

Dedicated to Ktesibios and his 3rd century B.C. waterclock, the first historical example of feedback, and to all those whose commitment to excellence in engineering and science brought us from the waterclock of yesterday to today's space travel, who opened vast new horizons while striving for betterment of the human condition.