A General Algebraic Semantics for Sentential Logics

LECTURE NOTES IN LOGIC

A Publication of The Association for Symbolic Logic

Editorial Board: Anand Pillay, Managing Editor Jeremy Avigad Vladimir Kanovei Shaughan Lavine Steffen Lempp Thomas Wilke LECTURE NOTES IN LOGIC 7

A General Algebraic Semantics for Sentential Logics

Second Edition

Josep Maria Font Department of Probability, Logic and Statistics University of Barcelona

Ramon Jansana Department of Logic, History and Philosophy of Science University of Barcelona

ASSOCIATION FOR SYMBOLIC LOGIC

Association for Symbolic Logic

Richard A. Shore, Publisher Department of Mathematics Cornell University Malott Hall Ithaca NY 14853 USA

Copyright ©2009 by the Association for Symbolic Logic.

All rights reserved. No part of the material protected by this copyright notice may be reproduced or utilized in any form, electronic or mechanical, including photocopying, recording, or by any information storage and retrieval system, without written permission from the Association for Symbolic Logic.

Publisher's note: This book was typeset in L^AT_EX by the authors, using the ASL documentclass asl.cls. The fonts are Monotype Times New Roman.

14 13 12 11 10 09 08 07 06 05 5 4 3 2 1