# String Analysis for Software Verification and Security

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Springer

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ISBN 978-3-319-68668-4 ISBN 978-3-319-68670-7 (eBook)
https://doi.org/10.1007/978-3-319-68670-7

Library of Congress Control Number: 2017956344



Printed on acid-free paper

This Springer imprint is published by Springer Nature
The registered company is Springer International Publishing AG
The registered company address is: Gewerbestrasse 11, 6330 Cham, Switzerland

# Preface

This monograph is mainly based on the research that has been conducted in the Verification Laboratory at the University of California, Santa Barbara, in the last decade. String analysis has been an interesting and fruitful area to work on, leading to many research results some of which are discussed here. We observe that the research in analysis of string manipulating code is expanding due to the importance of the correctness of the string manipulation code for dependability and security of modern software systems. We hope that this monograph can inspire and motivate more research in this area and accelerate the transition of string analysis research to practice.

We would like to thank all current and past members of the Verification Laboratory for their help and support. We would also like to acknowledge the support provided by the National Science Foundation (NSF) and the Defense Advanced Research Projects Agency (DARPA) for the string analysis research at the Verification Laboratory.[1]

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[1] NSF under grants CCF 0916112, CNS-1116967, CCF-1423623, and CCF-1548848, and DARPA under agreement number FA8750-15-2-0087. The U.S. Government is authorized to reproduce and distribute reprints for Governmental purposes notwithstanding any copyright notation thereon. The views and conclusions contained herein are those of the authors and should not be interpreted as necessarily representing the official policies or endorsements, either expressed or implied, of DARPA or the U.S. Government.

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