SZA Signed Zero Algebra
A New Take On Propositional Logic

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Contents

Chapter 1

Introduction

1.1 Preface

1.2 Motivation

As one usually does on a Saturday evening, we found ourselves suddenly engrossed in a vivid discussion about the societal value of the number zero. Whilst discussing the differences between null, zero, nil and naught, and their non-evident linguistic difference in Norwegian; a comment was made regarding the existence of both a positive and a negative zero in java. This proposition was by some found preposterous, and prompted an immediate investigation. Upon said investigation, its truthfulness was found evident, further bewildering the doubtful subjects regarding its arithmetical implementation. Addition, subtraction and multiplication was all applied, and the results organized and examined. What thenceforth emerged bore a striking resemblance to Boolean algebra, and the expansion and elaboration of said results is the subject of this paper.

Chapter 2

Defining the Algebraic Structure

Chapter 3

Building Logic Conjunctions

Chapter 4

An Application

4.1 Creating a Low Level Arithmetic Machine

4.1.1 Making a Full Bit Adder

4.1.2 Extending the Machine