

Solutions to Exercises from ‘Algebra: Chapter 0’

ABSTRACT. Solutions to exercises from the book 'Algebra: Chapter 0' by Paolo Aluffi.

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Preface

This document contains my attempt at writing (hopefully correct!) solutions to exercises from Aluffi's book, while engaging in some self-study of modern abstract algebra with the ultimate aim of teaching myself some modern algebraic geometry.

CHAPTER 1

Preliminaries: Set theory and categories