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Particles currently thought to be elementary include the fundamental fermions (quarks, leptons, antiquarks, and antileptons), which generally are "matter particles" and "antimatter particles ...", All particles and their interactions observed to date can be described almost entirely by a quantum field theory called the Standard Model. The Standard Model, as currently formulated, has 61 elementary particles., CONTENTS 5

Preface These notes for a graduate course in set theory are on their way to becoming a book. They originated as handwritten notes in a course at the, An Outline of General System Theory (1950) Ludwig von Bertalanffy 1 Parallel Evolution in Science As we survey the evolution of modern science,

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