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These are some notes which I originally intended to be a roughly 5 page list of all the formulae, Class Notes for Quantum Field Theory: Section I Introduction to 2nd Quantization, Lagrangian and Equations of Motion, Conservation Laws, the Klein Gordon eld, the Dirac eld, Spin-Statistics connection, Feynman Propagators,, INTRODUCTION TO QUANTUM FIELD THEORY by B. de Wit Institute for Theoretical Physics Utrecht University. Contents 1 Introduction 4 2 Path integrals and quantum mechanics 6 ... the displacement field (mathematics) In abstract algebra, a field is an algebraic structure with notions of addition, subtraction, multiplication, and division, ... theory of field extensions (including Galois theory) involves the roots of polynomials with coefficients in a field;, STRING FIELD THEORY Warren Siegel University of Maryland College Park, Maryland ... July 11, 2001: liberated, corrected, bookmarks added (to pdf) 1.1. Motivation 1 1. INTRODUCTION 1.1. Motivation The experiments which gave us

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