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Autore	Okazaki Yuta
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Nota di contenuto	<p>Intro -- Supervisor's Foreword -- Preface -- Parts of this book have been published in the following journal articles -- Acknowledgements -- Contents -- Acronyms -- 1 Introduction -- References -- 2 Theoretical Background -- 2.1 The Standard Model -- 2.2 Supersymmetry -- 2.2.1 R-parity -- 2.2.2 SUSY Breaking -- 2.3 Minimal Supersymmetric Standard Model -- 2.3.1 Particle Contents in MSSM -- 2.3.2 Soft Breaking and the Soft Term in the MSSM Lagrangian -- 2.3.3 Gaugino Mass -- 2.3.4 SUSY Solutions of the SM Problems in the MSSM -- 2.3.5 Target Scenarios and Signal Models -- 2.3.6 Signal Topology -- 2.3.7 Current Limits by Collider Experiments -- 2.3.8 Current Limits by Other Experiments -- 2.4 Other SUSY Models -- 2.4.1 Soft Breaking Mechanism -- 2.4.2 General Gauge Mediation Scenario -- 2.4.3 Naturalness Driven Axino LSP Scenario -- References -- 3 Experimental Apparatus -- 3.1 Large Hadron Collider -- 3.2 ATLAS Detector -- 3.2.1 Coordinate Systems in ATLAS -- 3.2.2 Magnet System -- 3.2.3 Inner Detector -- 3.2.4 Calorimeters -- 3.2.5 Muon Spectrometer -- 3.2.6 Trigger and Data Acquisition -- References -- 4 Data and Monte Carlo Simulations -- 4.1 Recorded Data by the ATLAS Detector -- 4.2 Monte Carlo Simulation -- 4.2.1 Hard-Scatter Event Generation -- 4.2.2 SM Background Simulation -- 4.2.3 Signal Simulation Samples -- References -- 5 Physics Object Reconstruction -- 5.1 Overview -- 5.2 Tracks, Vertices, and Topo-clusters -- 5.3 Jets </p>

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the Rat & The Dove and the Ant"'; "'The Astrologer Who Happens to Fall into a Well"'; "'The Hare and the Frogs"'; "'The Cock and the Fox"'; "'The Crow Who Wanted to Imitate the Eagle"'; "'The Peacock Who Complained to Juno"'; "'The Cat Metamorphosed into a Woman"'; "'The Lion and the Ass out Hunting"'; "'The Will Explained by Aesop"'; "'BOOK III'"

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'''The Fly and the Ant''''''The Gardener and His Lord'''; "'The Ass and the Pup'''; "'The War between the Rats and the Weasels'''; "'The Ape and the Dolphin'''; "'The Man with the Wooden Idol'''; "'The Jay Dressed in the Peacock's Feathers'''; "'The Camel and the Floating Sticks'''; "'The Frog and the Rat'''; "'The Tribute Sent by the Animals to Alexander'''; "'The Horse Who Sought Revenge on the Stag'''; "'The Fox and the Bust'''; "'The Wolf, the She-goat, and the Kid & The Wolf, the Mother, and the Child'''; "'A Reflection from Socrates'''; "'The Old Man and His Sons'''; "'The Oracle and the Infidel'"

'''The Miser Who Lost His Treasure'''
