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9.3.2.3. Mathematics II; 9.3.2.4. Differentiation and Integration; 9.3.2.5. Probability and Statistics; 9.3.2.6. Discrete Mathematics; References; Chapter 2 Current National Mathematics Curriculum; 1. Mathematics Curriculum Revised in 2007; 1.1. Focus of the Reform; 1.2. Major Changes; 1.2.1. Change in Documents 1.2.2. Change in Content Areas 1.2.3. The Change of Teaching and Learning Methods and Evaluation Sections; 1.2.4. Content Change in Each Grade; 1.2.4.1. Elementary School; 1.2.4.2. 1st Grade Middle School; 1.2.4.3. 2nd Grade Middle School; 1.2.4.4. 3rd Grade Middle School; 1.2.4.5. 1st Grade High School; 2. Mathematics Curriculum Revised in 2009; 2.1. Necessity and Background; 2.2. Basic Directions of Revision; 2.2.1. 20% Reduction of the Content in Mathematics Curriculum; 2.2.2. Mathematics Curriculum that Emphasizes Mathematical Creativity; 2.2.3. Implementation of Grade Band System 2.3. Characteristics of Mathematics Curriculum Revised in 2009 2.3.1. Curriculum Composition; 2.3.2. Change in Content Areas; 2.3.3. Change in Teaching and Learning Methods and Evaluation Sections; 2.4. Achievement Standards and Main Contents; 2.4.1. Achievement Standards; 2.4.2. Main Contents; Bibliography; Chapter 3 Current Elementary Mathematics Textbooks; 1. Introduction; 2. Principles and Directions of Developing Mathematics Textbooks; 2.1. Basic Principles and Overall Directions; 2.2. Selection and Organization of Content; 3. Overview of the Structure of a Unit in the Textbook 3.1. Guiding Principles for Unit Construction

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Sommario/riassunto

This book will introduce the history and practices of mathematics education in Korea. How it has been influenced from Japan, America, and other countries, and has developed into the unique Korean style of mathematics education. The editors have planned to include most of the topics researchers outside Korea want to know mathematics education in Korea.

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