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Square Numbers; Examples; Testing Questions (A); Testing Questions (B); 21 Pigeonhole Principle; Basic Forms of Pigeonhole Principle; Examples; Testing Questions (A); Testing Questions (B); 22 x and $\{x\}$; Some Basic Properties of x and $\{x\}$; Examples
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Testing Questions (B); Solutions to Testing Questions; Solutions to Testing Questions 16; Testing Questions (16-A); Testing Questions (16-B); Solutions to Testing Questions 17; Testing Questions (17-A); Testing Questions (17-B); Solutions to Testing Questions 18; Testing Questions (18-A); Testing Questions (18-B); Solutions to Testing Questions 19; Testing Questions (19-A); Testing Questions (19-B); Solutions to Testing Questions 20; Testing Questions (20-A); Testing Questions (20-B); Solutions to Testing Questions 21; Testing Questions (21-A); Testing Questions (21-B); Solutions to Testing Questions 22

Sommario/riassunto

Olympiad mathematics is not a collection of techniques of solving mathematical problems but a system for advancing mathematical education. This book is based on the lecture notes of the mathematical Olympiad training courses conducted by the author in Singapore. Its scope and depth not only covers and exceeds the usual syllabus, but introduces a variety of concepts and methods in modern mathematics. In each lecture, the concepts, theories and methods are taken as the core. The examples are served to explain and enrich their intension and to indicate their applications. Besides, appropriate num

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Collana	Automation and Control Collection
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