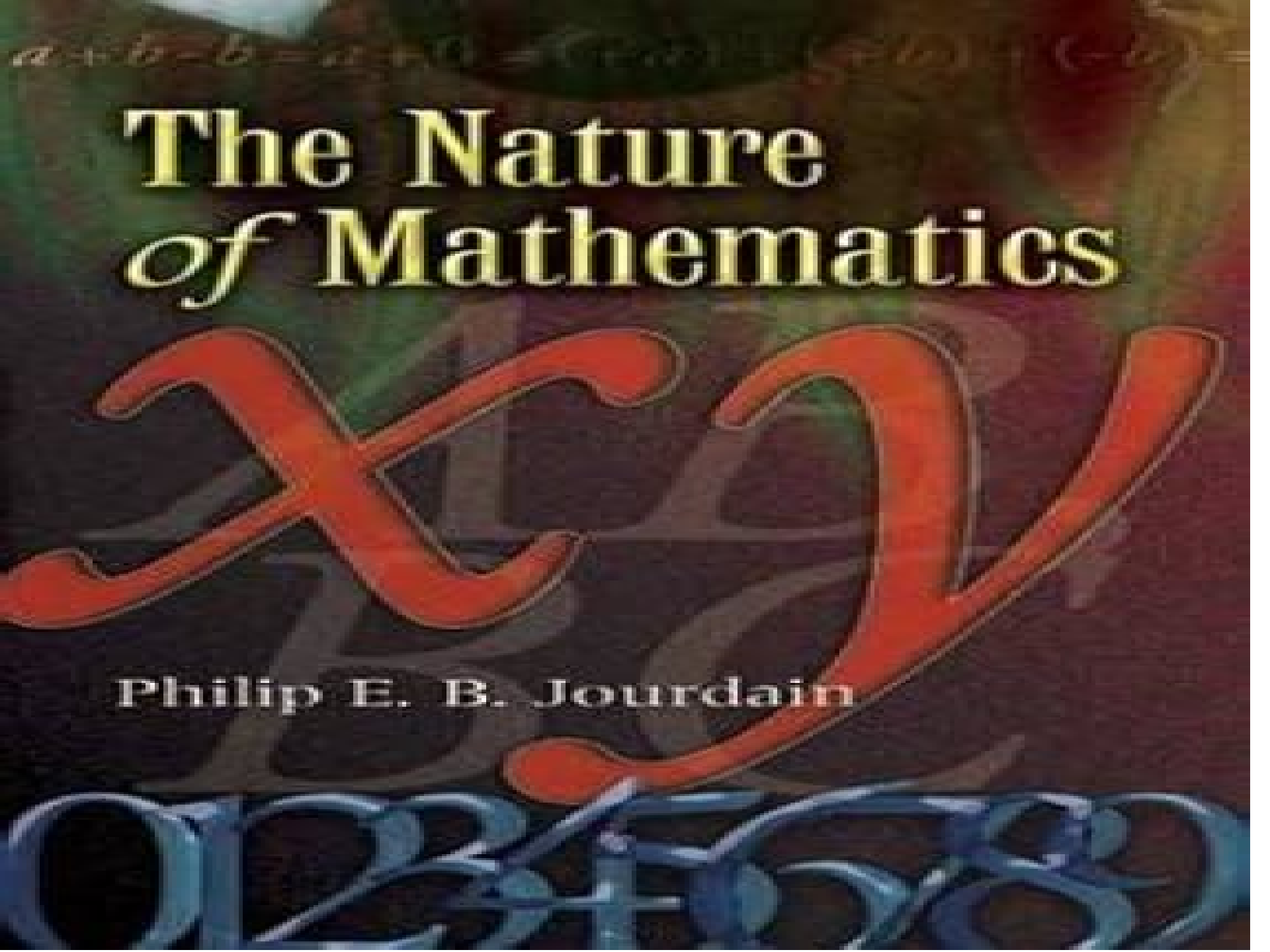


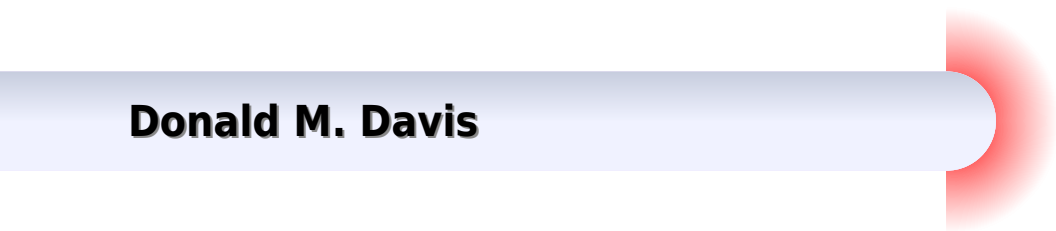
The background is a dark, textured surface with a mottled pattern of green, brown, and purple. At the top, there is a faint, light-colored mathematical expression: $a + b - b = a + 0 = a$, followed by a decorative flourish. The main title is in a large, stylized font. Below the title, there are two large, ornate, calligraphic letters: a red 'X' and a red 'Y' that overlap. At the bottom, there is a blue, ornate, calligraphic flourish.

The Nature *of* Mathematics

Philip E. B. Jourdain

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are covered in Chapter 1 Problem sets are provided after every section in each chapter and include nonroutine problems that students will enjoy exploring While not necessarily required the appropriate use of freely available dynamic geometry software and other specialized software referenced in the text is strongly encouraged this is especially important for visual learners and for forming conjectures and testing hypotheses

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