



## 2D Game Collision Detection: An Introduction to Clashing Geometry in Games

By Thomas Schwarzl

CreateSpace Independent Publishing Platform. Paperback. Condition: New. This item is printed on demand. 94 pages. Dimensions: 8.7in. x 5.9in. x 0.3in. Are You Wondering How 2D Collision Detection In Video Games Works? Learn how to determine shot impacts, find out which enemies are covered by lines of sight, recognize collisions of race cars or simply check if the mouse cursor floats above a button. This book is designed for game developers who want to implement fast and efficient 2D collision detection. The only prerequisite you need is basic knowledge in procedural programming. If you are familiar with any popular programming language like C, C++, Java, C# or Objective-C you have all you need to understand the code examples throughout the book. What you will get from this book: The following topics are explained in detail: 2D vector mathematics, how to spot collisions of various 2D shapes, simple yet effective body representation of game objects, identifying clashing objects in motion and plenty of optimization tricks. Your knowledge will be built up from scratch. The book is written for beginners, new to the topic of geometrical 2D collision detection. There are plenty of illustrations and code examples which make it easy to understand...



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