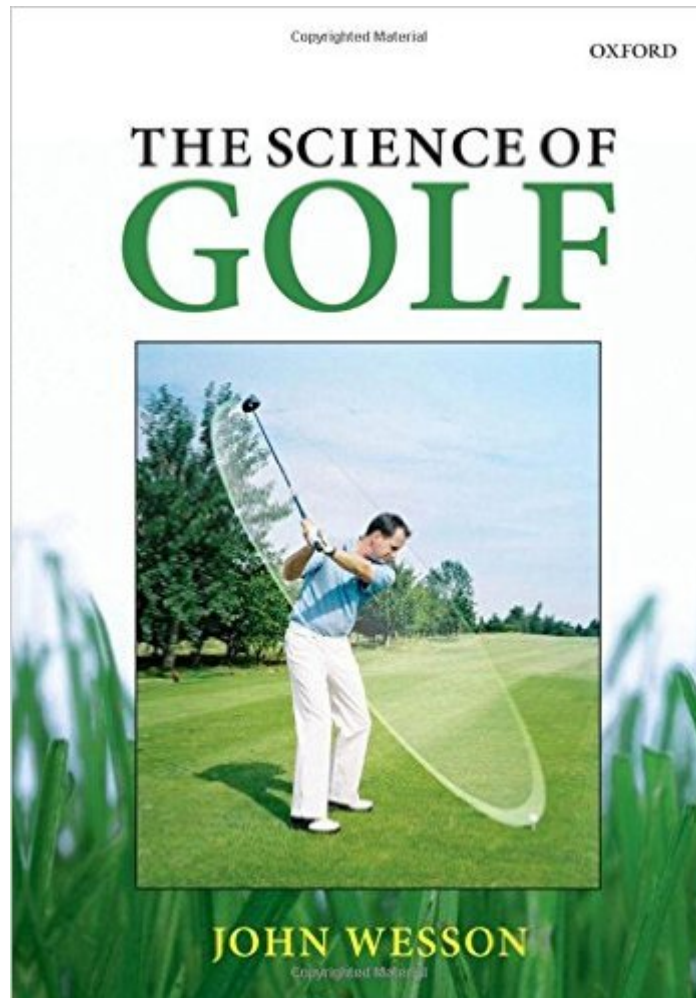


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# The Science Of Golf



## Synopsis

This book gives a scientific account of all aspects of the game of golf and answers the questions which occur to all who play the game. The mechanics of the swing and the impact of the club on the ball are explained. Together these decide the range of the ball - which is shown to be the most important factor for success. The aerodynamics of the ball's flight has several surprises, including the effects of dimples and spin. Understanding these effects allows a calculation of the ball's flight and explains how the range depends on the clubhead speed and the characteristics of the club. Putting is analysed to find the optimum strategy and to understand how winds, slopes, and mud affect the run of the ball. Handicaps are perhaps the most discussed topic in golf and the book examines the handicaps system to identify their consequences in matches and competitions, with results which will surprise many players. The famous question - "what is the probability of a hole-in-one?" is discussed and a neat way of answering it is proposed. Further chapters examine the players, the equipment, and the economics of the game, discussing the aspects of play that determine success, how much the improvements in clubs and balls have affected performance and the remarkable growth of both the amateur and the professional game.

## Book Information

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## Customer Reviews

The author does a great job in explaining the different scientific concepts behind the swing, ball flight and more. Being an aerospace engineer getting started in the sport, I appreciate the equations and discussions in this book. It might be a little too much for the average golfer, but the author does explain many concepts very well, so a non-engineer or scientist can understand what's going

on. Topics I personally found interesting were the double pendulum model of the swing and ball flight dynamics. Even though I knew these concepts before, and before I read the book I knew how they related to golf, it's nice to see it all in writing. Other topics covered are the handicap system, economics in golf and an interesting chapter on the probabilities of a hole-in-one. Recommend it to those curious about science or those golfers out there are as geeky as me. Don't expect, however, to help you with lowering your score... although it is possible, if you understand it well enough, you can use all of these concepts to improve your game.

I found some of the facts interesting. I don't think the average golfer will understand the mathematics involved with the golf swing, the ball flight or the rollout. Too technical for the average reader.

Really does a great job simplifying the physics so a non-scientist can understand. Great diagrams and you really learn why the ball does what it does when you hit it. I think it helps the golf game in that way.

This is the type of book I have needed for some time. Rather than many pages of fine details like where to put your feet and how to cock your elbow, etc. the author relates the golf swing to physics and science. Probably one of the most helpful books on golf I have ever owned. This allows you to determine how to fix any swing problems.

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