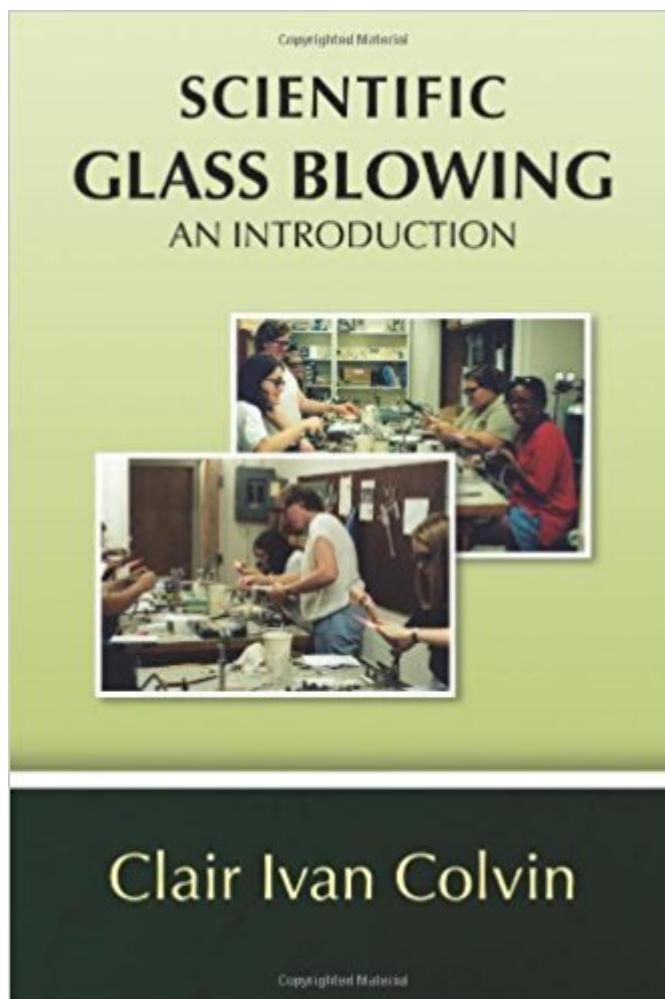


The book was found

# SCIENTIFIC GLASS BLOWING: AN INTRODUCTION



## **Synopsis**

This book describes in detail how one proceeds to set up a burner, adjust flame size and temperature, and then use it to discover the properties of molten Pyrex glass by the construction of a series of "artistic" figures from glass rods. Similarly, step by step instructions are given for the joining of glass tubes, making T tubes and other simple forms needed for parts in the step by step description of fabricating cold fingers, condensers, etc. The technique of "annealing" glass constructs to reduce stress/strains setup by uneven cooling is emphasized throughout.

## **Book Information**

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## **Customer Reviews**

CLAIR IVAN COLVIN, Professor Emeritus (1993), Georgia Southern University (GSU) was born near Vickery, Ohio. September 16, 1927; son of Ivan and Lucy (Hamburg) Colvin . B.S. in Chemistry, Ohio University 1949, M.S. 1961, Ph. D. 1963, University of Miami (Coral Gables). Assistant (1964), Associate (1965), Professor and Head of Chemistry (1968-1991), Georgia Southern University. Prior to retiring as Head of Chemistry at GSU, obtained American Chemical Society certification of the Department's Bachelor of Science in Chemistry program. Created, and for some twenty years taught, a two credit glass blowing course for chemistry/science majors.

Great for somebody that has some experience the tutorials leave a bit to be desired

I purchased this book with low expectations, but man was I shocked! I'm a major in scientific glass

technology, at SCC, and this book covers everything from our first semester. Almost like our Professor, (a 30+ year scientific glassblower) wrote it himself. If you're interested in getting into blowing scientific glass, this is the book for you! Hands down, there is no other book out there that cover scientific glassblowing with this simplicity.

Some years ago I took a similar class in college, I feel that this book or perhaps I should say booklet as it is a short book does seem to follow the same subject matter, With a few exceptions, such as crack chasing, where one attempts to 'repair a crack by remelting the glass where it is cracked without having the crack 'run' farther. This is not always successful.

I was hoping for something modern and technical. This is like a lab manual from the 1960s. Keep looking and find something better

This is a very short book for the first semester course in bench top glass blowing. It is fine for that purpose, but anyone who is a little bit crafty will out grow this book quickly.

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