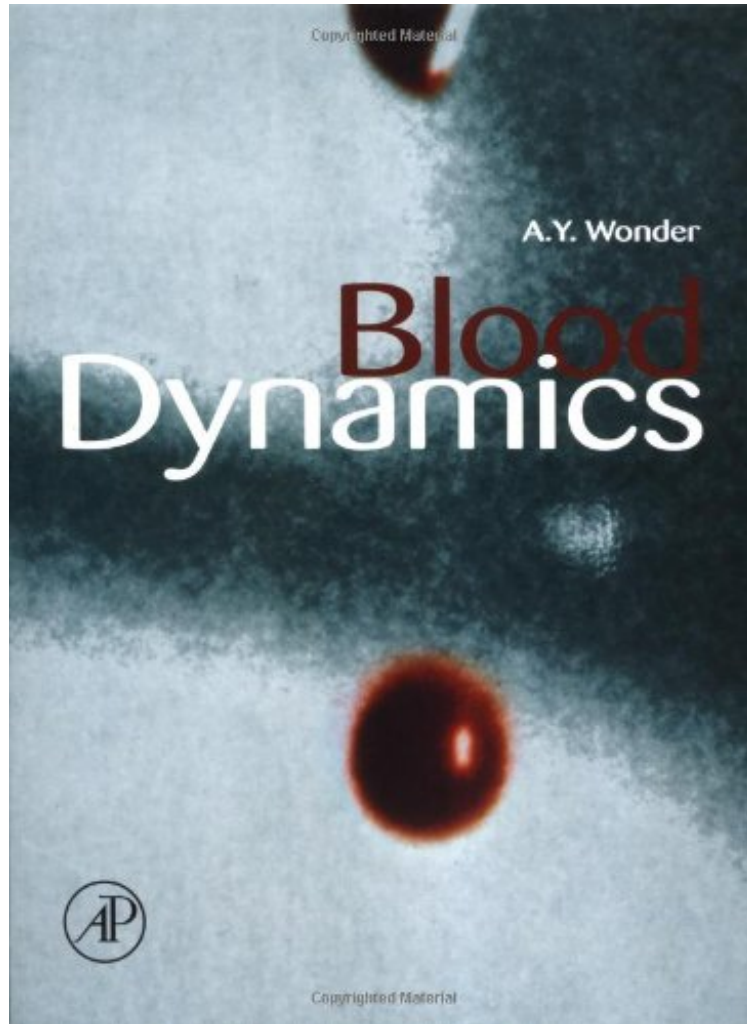


Blood Dynamics

Anita Wonder BS MA MT - ASCP
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#3739168 in Books 2001-09-26 Original language: German PDF # 1 .62 x 7.67 x 10.021, #File Name: 0127624570168 pages | File size: 30.Mb

Anita Wonder BS MA MT - ASCP : Blood Dynamics before purchasing it in order to gauge whether or not it would be worth my time, and all praised Blood Dynamics:

0 of 0 people found the following review helpful. Four Stars By Di Nunzio an interesting book for a good comprehension of bpa analysis
0 of 0 people found the following review helpful. Blood Dynamics my favorite new book!
By cat OOP book is very expensive, but this used copy in good condition is fine by me. The information contained was exactly what i was looking for. Thank-you!!!!!!
3 of 3 people found the following review helpful. Great book to understand the basics of blood spatter
By Exoskins This book offers a logical approach to understanding the science of blood spatter interpretation. The illustrations are excellent and help demonstrate the theories involved. The book would benefit from having a glossary of terms. The book is grossly overpriced. The lack of a glossary dropped

this book from a 5 star rating.

Today's resources on bloodstain analysis are still based on methods that were derived in the 1920s. Although medical and clinical research have provided a growing body of information on blood composition and behavior, this information has been ignored in favor of historical bloodstain analysis methods-until now. With 25 years of experience in the field, author Anita Wonder shows how to use these new methods for interpreting bloodstains, including non-Newtonian fluid behavior (a process that does not conform to Sir Isaac Newton's laws of motion) and three-dimensional dispersion modeling. Blood Dynamics focuses on how to accurately identify eight bloodstain pattern types and their permutations. It covers every aspect of bloodstain analysis, and shows how some standard practices of reconstruction are not only unnecessary for identification of blood dynamics, but can even be misleading. This book presents completely new scientific evaluations of blood dynamics and will fundamentally change the way in which bloodstains are interpreted. As such, it will be required reading for anyone who deals with blood evidence at the crime scene, in the lab, or in the courtroom. * Presents groundbreaking new methods for interpreting bloodstains, including non-Newtonian fluid behaviour and three-dimensional dispersion modelling* Covers every aspect of bloodstain analysis* Focuses on how to accurately identify eight bloodstain pattern types and their permutations* Author, Anita Wonder has 25 years of experience in the field of blood dynamics

"With its many colour photos, excellent typesetting and quality printing, this is indeed an elegant book...The discussion of the 'non-Newtonian, viscoelastic' properties of blood due to red blood cells (hematocrit) sets this book apart from similar publications...The rich variety of topics ...will attest to the many aspects of bloodstain evidence that are covered in Blood Dynamics. Each one is skillfully described with Ms. Wonder's unique style and perspective...recommended as an additional resource for any bloodstain pattern analyst."@sourceAlfred L. Carter, CANADIAN SOCIETY OF FORENSIC SCIENCE JOURNAL "It is a delightfully written book, a joy to read and of course will be a favourite in my collection."-Gyan Fernando, for ANIL AGRAWAL'S INTERNET JOURNAL OF FORENSIC MEDICINE AND TOXICOLOGY (2002) From the Back Cover The analysis of bloodstain patterns is commonplace in violent crime investigations. Bloodstain patterns can provide a great deal of information to the investigator and crime scene reconstructionist, yet confusion, ambiguity and a certain amount of controversy prevent full acceptance by the scientific and legal communities. All present "blood spatter" data comes from data compiled in the 1920s, before non-Newtonian fluid behaviour was described. Medical and clinical research, with more adequate funding than forensics research, is providing a growing body of information on blood composition and behaviour. Those applying bloodstain pattern analysis - until now - have ignored this reference material in favour of historical studies. Paul Kirk, as early as 1951, promoted bloodstain pattern interpretation as a scientific discipline. Since his death in 1970, use of bloodstain pattern interpretation has increased markedly, yet the technical basis on which this is based has changed little. Information unknown during Dr Kirks studies has yet to be incorporated into a basis for understanding blood distribution behavior. This book will do that with the benefit of the authors 25 years of research into forensic bloodstain interpretation. This book will fundamentally change the way in which bloodstains are interpreted and will be required reading by: Law enforcement Crime scene technicians Accident investigators Forensic scientists Lawyers and judges Crime writers and the media Excerpt. Reprinted by permission. All rights reserved. The book incorporates the latest findings on fluid dynamics to fundamentally change the way bloodstains are interpreted.