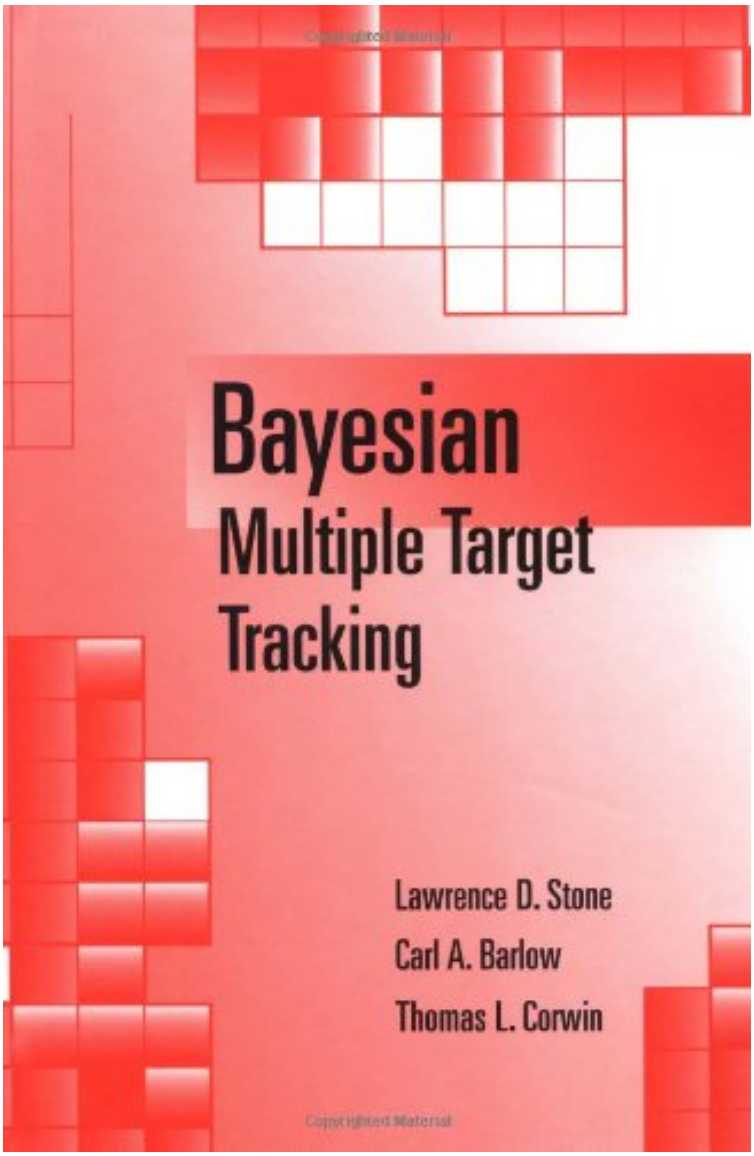
Bayesian Multiple Target Tracking (Artech House Radar Library) (Artech House Radar Library (Hardcover))

Lawrence D. Stone, Thomas L. Corwin, Carl A. Barlow



#2934314 in Books 1999-08Ingredients: Example IngredientsOriginal language:EnglishPDF # 1 9.02 x .88 x 5.98l, 1.37 #File Name: 1580530249317 pages | File size: 34.Mb

Lawrence D. Stone, Thomas L. Corwin, Carl A. Barlow : Bayesian Multiple Target Tracking (Artech House Radar Library) (Artech House Radar Library (Hardcover)) before purchasing it in order to gage whether or not it would be worth my time, and all praised Bayesian Multiple Target Tracking (Artech House Radar Library) (Artech

House Radar Library (Hardcover)):

Using the Bayesian inference framework, this book enables the reader to design and develop mathematically sound algorithms for dealing with tracking problems involving multiple targets, multiple sensors, and multiple platforms. It shows how non-linear Multiple Hypothesis Tracking and the Theory of United Tracking are successful methods when multiple target tracking must be performed without contacts or association. With detailed examples illustrating the developed concepts, algorithms, and approaches, the book helps the reader track when observations are non-linear functions of target site, when the target state distributions or measurements error distributions are not Gaussian, when notions of contact and association are merged or unresolved among more than one target, and in low data rate and low signal to noise ratio situations.

About the AuthorLawrence D. Stone is Chief Operating Officer at Metron, Inc. He received his Ph.D. and MS in mathematics from Purdue University. Carl A. Barlow is an independent scientific consultant. He holds S.B. and S.M. degrees in theoretical physics from MIT. Thomas L. Corwin is Chief Executive Officer of Metron, Inc. He received his Ph.D and MS in statistics from Princeton University.