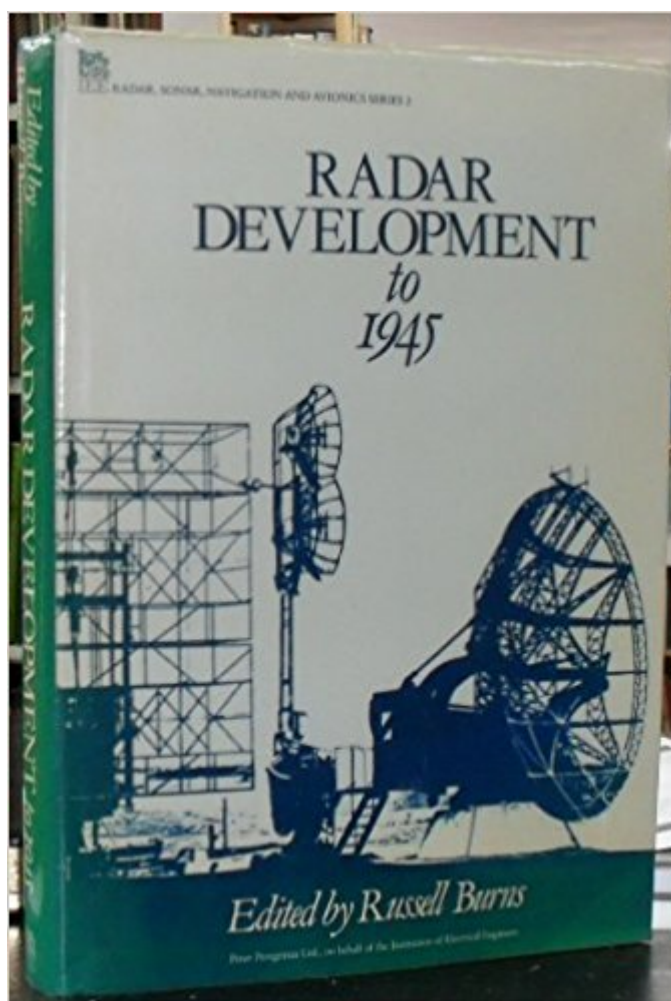


The book was found

Radar Development To 1945 (Iee Radar, Sonar, Navigation And Avionics Series 2)



Synopsis

This historical study of the development of radar traces early experimentation and progress in various countries, including Japan, Germany, the United States and Great Britain. The study includes a description of anti-jamming devices used during World War II.

Book Information

Series: IEE Radar, Sonar, Navigation and Avionics Series 2

Hardcover: 528 pages

Publisher: IEE; Revised edition (February 1989)

Language: English

ISBN-10: 0863411398

ISBN-13: 978-0863411397

Product Dimensions: 1.2 x 8.8 x 12.2 inches

Shipping Weight: 3.9 pounds

Average Customer Review: 5.0 out of 5 stars 2 customer reviews

Best Sellers Rank: #6,109,662 in Books (See Top 100 in Books) #92 in Books > Engineering & Transportation > Engineering > Aerospace > Avionics #601 in Books > Engineering & Transportation > Engineering > Telecommunications & Sensors > Radar #3598 in Books > Textbooks > Social Sciences > Military Sciences

Customer Reviews

This is a collection of 32 papers presented at a 1985 IEE seminar commemorating the 50th anniversary of radar, supplemented with 8 others to fill in some gaps. A number of the papers are by scientists and engineers who actually played important roles in radar development themselves, while others are by experts in technical history, mostly with strong technical backgrounds. They do not constitute a synoptic or integrated view of radar development to 1945, but do cover many of its important aspects and cast much light on crucial details. Chapters are: 1. The background to the development of early radar, some naval questions / Professor R.W. Burns; 2. A personal reminiscence: the beginnings of radar 1930-1934 / L.A. Hyland; 3. Early history of radar in the US Navy / Dr. R.M. page; 4. Dr. Henri Gutton, French radar pioneer / R.B. Molyneux-Berry; 5. The development of UK naval radar / Professor J.F. Coales and J.D.S. Rawlinson; 6. The history of the Italian radio detector telemetro / Professor M. Calamia and Captain R. Palandri; 7. Air defence, some problems / Professor R.W. Burns; 8. CH - the first operational radar / B.T. Neale; 9. A personal reminiscence: RDF and IFF / R.H.A. Carter; 10. Ground control interception / Dr. E.

Putley; 11. The development of airborne radar in Great Britain 1935-1945 / Dr. E.G. Bowen; 12. Air controlled interception / R. Hodges; 13. German primary radar for airborne and ground-based surveillance / Dr. G. Muller and Dr. H. Bosse; 14. German radar development up to 1945 / Dr. H. Kummritz; 15. A personal reminiscence / Professor W. Runge; 16. The air defence problem and the Soviet radar programme 1934/35-1945 / Professor J. Erickson; 17. Radar development in the Netherlands before the war / Ir. M. Staal and Professor J.L.C. Weiller; 18. The history of Japanese radar development to 1945 / Dr. S. Nakajima; 19. The background to the development of the cavity magnetron / Professor R.W. Burns; 20. The origins and development of UK army radar to 1946 / D.H. Tomlin; 21. The Tizard Mission to the USA and Canada / Dr. E.G. Bowen; 22. The history of Rebecca - Eureka / E.K. Williams; 23. OBOE - a precision ground controlled blind bombing system / Dr. F.E. Jones; 24. The radio war / Sir Robert Cockburn; 25. A survey of US countermeasures during World War II / Dr. A. Price; 26. Countermeasures receiver techniques / E.H. Cooke-Yarborough; 27. German World War II anti-jamming techniques / A.E. Hoffman-Heyden; 28. German experiments in jamming H2S Airborne radar / G. Forester; 29. German anti-chaff measures / Dr. E. Schulze; 30. The development of "Moonshine" in the US in World War II / S. Dodington; 31. The use of "Window" (chaff) to simulate the approach of a convoy of ships towards a coastline / J.E. Twinn; 32. A survey of ECCM techniques / S. Johnston; 33. The development of IFF in the period up to 1945 / R.M. Trim; 34. The development of IFF and SSR in the post war years / R.A. Sheppard and M.C. Stevens; 35. The post war years and progress in absolute microwave measurements / A.E. Bailey; 36. Early German experiments on radar backscattering of aircraft / Dr. B. Rode; 37. Some examples of post World War II radar in the USA / E.K. Stodola; 38. The development of commercial marine radar and airborne Doppler navigation radar / R.M. Trim; 39. A personal reminiscence: GL radar, an elementary ECCM technique / C. Powell; 40. Who invented radar? / Professor C. Susskind. Very worthwhile for those with a serious interest in the subject. Will O'Neil

As the previous review indicates, no one interested in the history of radar up to 1945 can afford to ignore this book, a great collection of essays which provides enormous detail on radar, ECM and ECCM techniques.

[Download to continue reading...](#)

Radar Development to 1945 (Iee Radar, Sonar, Navigation and Avionics Series 2) Strapdown Inertial Navigation Technology (IEE Radar, Sonar, Navigation and Avionics Series) Strapdown Inertial Navigation Technology (Iee Radar, Sonar, Navigation and Avionics, No 5) Principles of Space Time Adaptive Processing (Iee Radar, Sonar, Navigation and Avionics Series, 12)

Applications of Space-Time Adaptive Processing (See Radar, Sonar, Navigation and Avionics)
Weibull Radar Clutter (Radar, Sonar, Navigation and Avionics Series, 3) Radar Techniques Using
Array Antennas (FEE radar, sonar, navigation & avionics series) Technical History of the Beginnings
of Radar (Radar, Sonar, Navigation and Avionics) (History and Management of Technology)
Avionics: Development and Implementation (The Avionics Handbook, Second Edition) Test and
Evaluation of Avionics and Weapon Systems (Electromagnetics and Radar) Test and Evaluation of
Aircraft Avionics and Weapons Systems (Electromagnetics and Radar) Avionics: Elements,
Software and Functions (The Avionics Handbook, Second Edition) Jane's Avionics 2007-2008
(Jane's Flight Avionics) Understanding Antennas for Radar, Communications, and Avionics
(Uni-TaschenbÄcher) Introduction to Airborne Radar (Aerospace & Radar Systems (Software))
Flight Management Systems: The Evolution of Avionics and Navigation Technology (356) Avionics
Navigation Systems Greenberg's Repair and Operating Manual for Lionel Trains, 1945-1969:
1945-1969 (Greenberg's Repair and Operating Manuals) Underwater Acoustics: Analysis, Design
and Performance of Sonar Aircraft Systems: Mechanical, Electrical and Avionics Subsystems
Integration (Aerospace Series)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)