

*New Book Received **

**Electronic Warfare Target Location Methods, Second Edition.
Edited by Richard A. Poisel, Artech House, 2012; 422 pages.
Price: £99.00, ISBN 978-1-60807-523-2**

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Received: 10 January 2013 / Accepted: 14 January 2013 / Published: 17 January 2013

The following paragraphs are reproduced from the website of the publisher [1].

Describing the mathematical development underlying current and classical methods of geolocating electronic systems that are emitting, this newly revised and greatly expanded edition of a classic Artech House book offers practical guidance in electronic warfare target location. The Second Edition features a wealth of additional material including new chapters on time delay estimation, direction finding techniques, and the MUSIC algorithm. This practical resource provides you with critical design information on geolocation algorithms, and establishes the fundamentals of existing algorithms as a launch point for further algorithm development. You gain an in-depth understanding of key target location methods that you can effectively apply to your work in the field. You discover triangulation algorithms that offer a highly efficient way to geolocate targets when the real estate on the sensor systems is adequate to support an antenna array. The book also presents quadratic geolocation techniques that can be implemented with extremely modest antennas—frequently a single dipole or monopole. Moreover, this authoritative volume details methods for geolocating the source of high frequency signals with a single sensor site.

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Note

1. The website for this book is: <http://www.artechhouse.com/International/Books/Introduction-to-Modern-EW-Systems-1958.aspx>.

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