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Understand
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Fundamentals of Radar Signal Processing. Mark A. Richards. McGraw Hill Professional, Jul 15, 2005 - Technology &

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Engineering - 528
pages. 0 Reviews.
Advances in DSP
(digital signal
processing) have...

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4.1 Fundamentals for
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Fundamentals of Radar Signal Processing (FRSP) provides in-depth coverage of

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fundamental topics in radar signal processing from a digital signal processing perspective. The techniques of linear systems, filtering, sampling, and Fourier analysis techniques and interpretations are used throughout to provide a modern and unified tutorial approach.

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Fundamentals of radar signal processing mark a. richards 1.

Resolution is the ability of a radar to resolve (distinguish) between two or more targets on the same bearing but at different ranges

Range cell (or)

Resolution cell is smallest range

increment the radar is capable of detecting.

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**processing mark a.
richards**

All in all, starting with the basics, this book by Richards is a pretty thorough coverage of Radar Signal Processing. If one wants to understand radar from a DSP perspective, first read Skolnik's "Introduction To Radar Systems" to get a basic understanding of how radar works. Then read

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this book by Richards
to understand radar
DSP.

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Fundamentals of Radar Signal Processing eBook: Richards ...

This revised edition of Fundamentals of Radar Signal Processing provides in-depth coverage of radar

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digital signal processing (DSP) fundamentals and applications. It has been updated to include coverage of measurement accuracy and target tracking.

Fundamentals of Radar Signal Processing 2nd edition ...

Fundamentals of radar signals & signal processing. Threshold detection of radar

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targets. Constant false
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is so important and
how it works in this

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advance data
processing. About FFT,
Range, Doppler, Angle,
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Constant false alarm
rate detection

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processes are important in radar signal processing. Such detection strategies are used as an alternative to optimal Neyman-Pearson based decision rules, since they can be implemented as a sliding window process running on a radar range-Doppler map. This book examines the development of such detectors in a modern framework.

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Every Driver, and

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Without doubt it will
only be the symbiosis
of Radar, Lidar and

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Automotive Radar - An Overview on State-of-the-Art Technology

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mitigation, matched
filter theory, etc.
Experience in formal
teaching ...

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