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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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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.

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