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Fundamentals of radar signal processing mark a. richards 1. Resolution is the ability of a radar to resolve (distingui sh) 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. Then read this book by Richards to understand radar DSP.

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