

Readings for Week 8: Processing

Coherent and Incoherent Integration:

Introduction to Radar Systems by Merrill Skolnik
pp. 45 - 49

Doppler Filtering:

Synthetic Aperture Radar by John Curlander and Robert McDonough
pp. 22 - 26

High-Resolution Radar by Donald R. Wehner
pp. 239 -242

Multi-Looking:

Synthetic Aperture Radar by John Curlander and Robert McDonough
pp. 214 - 221

Matched Filters:

Synthetic Aperture Radar by John Curlander and Robert McDonough
pp. 126 - 135