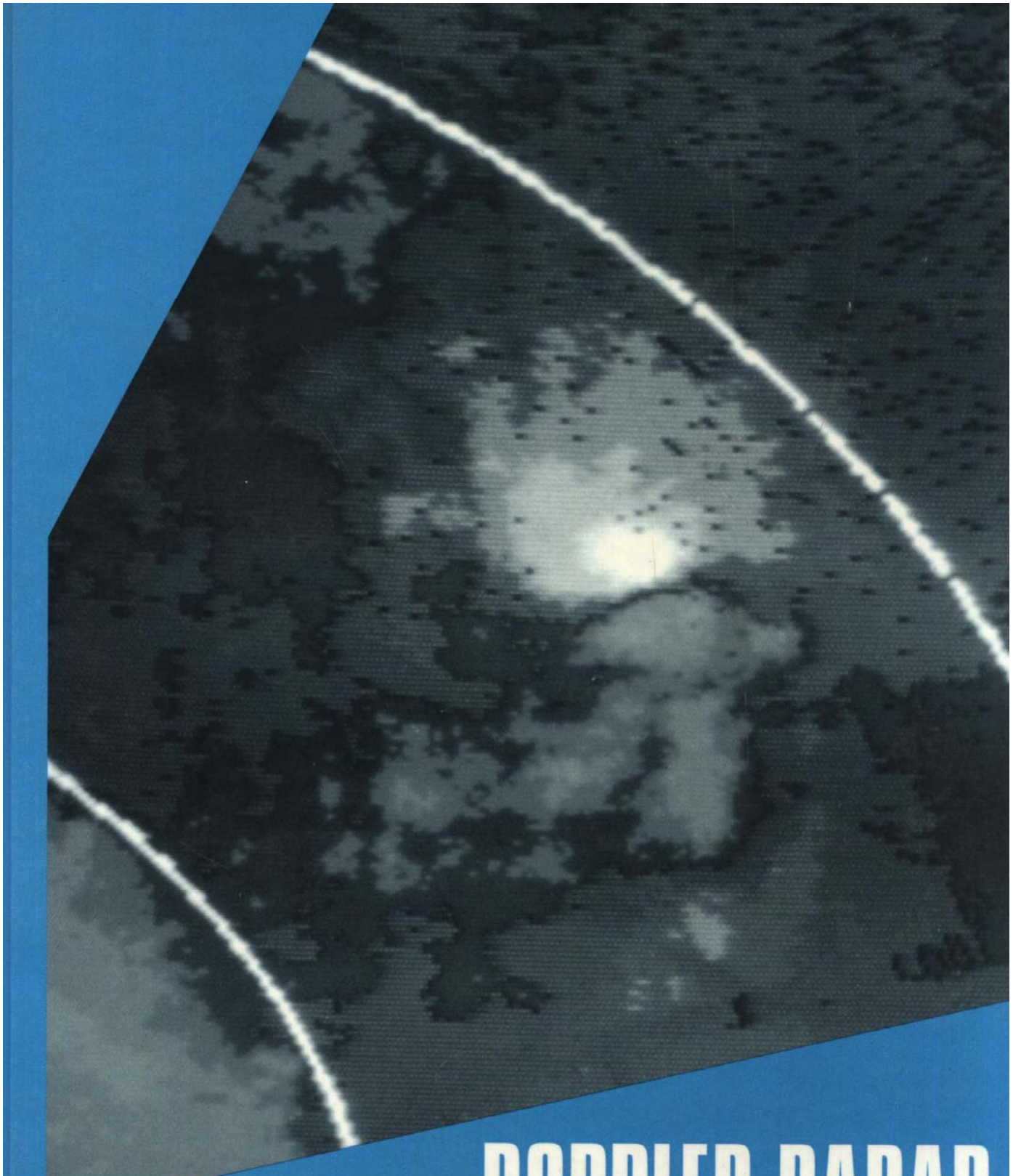

DOPPLER RADAR AND WEATHER OBSERVATIONS

SECOND EDITION

Richard J. Doviak / Dušan S. Zrnić

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National Severe Storms Laboratory
Norman, Oklahoma

This book reviews the principles of Doppler radar and emphasizes the quantitative measurement of meteorological parameters. It illustrates the relation of Doppler radar data and images to atmospheric phenomena such as tornadoes, microbursts, waves, turbulence, density currents, hurricanes, and lightning. Radar images and photographs of these weather phenomena are included.

This Second Edition of Doviak and Zrnić's classic text has been expanded to include

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- Wind profilers
- Observations with the WSR-88D
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- Chapter problem sets

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