Abstract

The microwave radar has the ability to remotely measure the various information such as distance, velocity, position and shape of a target object. In recent years, with the spread of application fields, there is an increasing opportunity for engineers in various fields to use the radar. In this FR7A session, the fundamental theory, hardware, and signal processing of microwave radar will be explained to non-experts in an easy-to-understand manner, and the application of a pulse doppler radar to meteorological observation is further explained.