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Sommario/riassunto	Radar technology in the next century has to address the increasingly stringent demands for target detection, track & identification; all while reducing life cycle cost. Defense application need to address the changing target environment & the need for increased clutter mitigation techniques; while non-defense applications need to solve the increasing demands associated with air traffic control, transportation, drug smuggling, remote sensing & other consumer oriented applications. Advanced radar technology theory & applications are also discussed. Partial Contents: Signal Processing; Space Time Adaptive Processing/Antennas; Surveillance Technology; Radar Systems; Dual Use; Phenomenology.