

Theoretical and experimental study of the proximity effects of thin wire antenna in presence of biological bodies -

Karimullah, Khalid (Ph. D. 1979 Michigan State University) 159 p., p. 4419-B **80-06140**

Meander antennas -

Rashed Mohassel, Jalil-Agha (Ph. D. 1982 The University of Michigan) 145 p., p. 1929-B **82-25024**

Transient analysis of loaded thin-wire antennas and transmission lines -

Hoorfar, Ahmad (Ph. D. 1984 University of Colorado at Boulder) 348 p., p. 3019-B **84-28857**

Empfangsantennen

The measurement of antenna impedance using a receiving antenna -

Wilson, Donald G. (Ph. D. 1948 Harvard University) W. 1948, p. 27

The cylindrical dipole as a receiving antenna -

Dike, Sheldon H. (Ph. D. 1961 The Johns Hopkins University) W 1961 p. 47

The coupled receiving antenna -

Moniz, Clement (Ph. D. 1952 Harvard University) 33 p. W 1952, p. 45

Analysis of the receiving antenna problem for a telemetry system -

Sisco, William B. (Ph. D. 1962 The University of Texas at Austin) W 1952, p. 51

The effect of conductor impedance on the backscattering cross section of the cylindrical dipole receiving antenna -

Barrack, Carroll Marlin (Ph. D. 1966 The Johns Hopkins University) X 1956, p. 24

The effect of the antenna pattern on the statistics of the received signal in radio-frequency propagation systems -

McNelis, David Donald (Ph. D. 1961 University of Washington) 143 p. 22/05, p. 1555 **61-03999**

A signal-processed antenna system and the simulation of effects of balanced-mixer frequency conversion -

Spencer, Kenneth Edward (Ph. D. 1968 Oregon State University) 162 p. 29/07-B, p. 2445 **69-00462**

Impedance-loaded receiving antennas with minimum backscattering and maximum received power -

Deck, Howard Joseph (Ph. D. 1968 Michigan State University) 128 p. 29/10-B, p. 3741 **69-05855**

Adaptive antenna arrays for coded communication systems -

Reinhard, Kenneth Lynn (Ph. D. 1973 The Ohio State University) 231 p., p. 5471-B **74-11036**

Noise performance of broadband amplifiers for use with electrically small antennas -

Saimati, Robert Arthur (Ph. D. 1978 The University of Connecticut) 383 p., p. 5486-B **79-11406**

Monolithic integration of a dielectric millimeterwave antenna and mixer diode -

Yao, Chingchi (Ph. D. 1981 University of California, Berkeley) 135 p., p. 4891-B **82-12161**

The adaptive antenna processing in pseudo-noise communication system -

Juang, Shang-Min (Ph. D. 1982 The University of Michigan) 164 p., p. 484-B **82-15024**

Signal cancellation in adaptive antennas: The phenomenon and a remedy -

Duwall, Kenneth Maurice (Ph. D. 1983 Stanford University) 150 p., p. 2848-B **83-29707**

Analysis of an adaptive antenna array with intermediate frequency weighting partially implemented by digital processing -

Bouktache, Essaid (Ph. D. 1985 The Ohio State University) 232 p., p. 2009-B **85-18921**

Fahrzeug-, Flugzeug- und Raumfahrzeugantennen

Directional radiation measurements of aircraft antennas -
Haller, George Louis (Ph. D. 1942 The Pennsylvania State University) 27 p. PSU 05, p. 109 **00-00624**

Use of models for investigating the patterns of aircraft antennas -

Sinclair, George (Ph. D. 1946 The Ohio State University) W 1946 p. 15

Low frequency aircraft antennas -

Granger, John V. (Ph. D. 1948 Harvard University) W 1948, p. 36

A study of precipitation static noise generation in aircraft canopy antennas -

Nanevich, Joseph Eugene (Ph. D. 1958 Stanford University) 131 p. 19/03, p. 502 **58-02512**

An airport glide-path system using flush-mounted traveling-wave runway antennas -

McFarland, Richard Herbert (Ph. D. 1961 The Ohio State University) 173 p. 22/10, p. 3584 **62-00794**

A study of corona discharge noise in aircraft antennas -

Vassiliadis, Arthur (Ph. D. 1961 Stanford University) 113 p. 21/11, p. 3401 **61-01258**

Gravity gradient effects on some of the basic stability requirements for an orbiting satellite having long flexible antennas -

Kennedy, James Clarence, Jr. (Ph. D. 1967 The Ohio State University) 113 p. 28/06-B, p. 2460 **67-16294**

Side-lobe control in antennas for an efficient use of the geostationary orbit -

Albernaz, Joao Carlos Fagundes (Ph. D. 1973 Stanford University) 155 p., p. 5815-B **73-14857**

Radiation characteristics of vehicle-mounted antennas and their application to comprehensive system design -

Kubina, Stanley James (Ph. D. 1973 McGill University [Canada]) p. 4377-B

Analysis of on-aircraft antenna patterns -

Burnside, Walter Dennis (Ph. D. 1972 The Ohio State University) 217 p., p. 3644-B **73-1967**

Optimized earth terminal antenna systems for broadcast satellite -

Han, Ching Chun (Ph. D. 1972 Stanford University) 196 p., p. 3647-B **73-4607**

Volumetric pattern analysis of fuselage-mounted airborne antennas -

Yu, Chong Long (Ph. D. 1976 The Ohio State University) 201 p., p. 915-B **76-18063**

Evaluation of selected space shuttle orbiter antenna systems -

Lindsey, Jefferson Franklin III (D. Eng. 1976 Lamar University) 208 p., p. 1823-B **76-22316**

Analysis of aircraft wing-mounted antenna patterns -

Marhefka, Ronald Joseph (Ph. D. 1976 The Ohio State University) 216 p., p. 2425 B **76-24644**

Average field matching wire antenna moment method and aircraft HF-antenna application -

Trueman, Christopher William (Ph. D. 1979 McGill University [Canada]) p. 4424-B