

The Large Synthesis Radio Telescopes of the National Radio Astronomy Observatory

P.J. Napier. "The Large Synthesis Radio Telescopes of the National Radio Astronomy Observatory." 1992 MTT-S International Microwave Symposium Digest 92.3 (1992 Vol. III [MWSYM]): 1243-1246.

Large radio telescope arrays such as the Very Large Array and Very Long Baseline Array challenge the state-of-the-art of microwave technology in many areas. Examples include the design of optimized sparse arrays and the design and economic construction of high performance, frequency flexible antennas, reliable low noise receivers and highly phase stable local oscillator systems.

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