

Abstracts

Automotive Radar at 80-90GHz

A.G. Stove. "Automotive Radar at 80-90GHz." 1992 MTT-S International Microwave Symposium Digest 92.2 (1992 Vol. II [MWSYM]): 613-616.

The idea of equipping cars with radar has been around for a long time, but it is only with the arrival of low cost compact millimetre-wave radars that such systems have become practicable. The paper will discuss a technology for low-cost mass production of automotive radar sensors and two systems applications for such sensors. The systems applications are an Intelligent Cruise Control (ICC), which uses a relatively simple forward-looking sensor, and the other is as a more sophisticated Obstacle Warning Radar (OWR).

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