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论文

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### 机载雷达从地杂波中检测运动目标

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### AIRBORNE RADAR DETECTING THE MOVING TARGETS FROM THE EARTH CLUTTER

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摘要

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**摘要** 提出了将变抽样率处理技术应用于机载雷达下视探测,以从地杂波中检测运动目标的方法。首先分析了信号模型,针对这一模型,讨论了变抽样率处理技术应用问题,最后进行了仿真,仿真结果,表明该方法可行

**关键词:** 地杂波 变抽样率 机载雷达 下视 运动目标

**Abstract:** A signal processing method of changing sample rates being used in airborne radar look-down detecting the moving targets from the earth-clutter is proposed in this paper. First the signal model analysis is given, and then the application of the changing sample rates processing is discussed for the signal model. Finally, the results of simulation are given, showing that the method is very effective.

**Keywords:** earth-clutter changing sample rates airborne radar look-down moving target

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