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Development of superconducting mixers for THz astronomy[J].Science China(Information Sciences),2012,01:120-126.

关键词:terahertz detection,superconducting mixer,quantum limit

摘要:The terahertz(THz)regime,loosely defined as 0.1-10 THz,is the last frequency window to be fully explored in astronomy.In particular,it is a regime in which there are rich molecular rotation lines and atomic fine structure lines.They are very important tracers for studying the dynamics of astronomica...