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激光与光电子学进展

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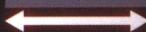
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激光与光电子学进展

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封面解读

封面展示了空间调制测量技术的核心装置, 以及其测量单个金纳米立方体对入射电磁波响应的过程。探测光束由高倍物镜汇聚至附着于基底的被测单个颗粒上, 并被压电平移台周期空间调制。探测光束的电磁场受到颗粒的散射和消光后被第二个高倍物镜接收, 探测调制频率的光电信号分量, 从而高信噪比地获得消光截面大小。

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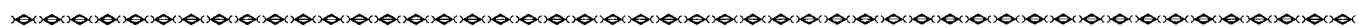
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特别专辑

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2021年



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中国科学院上海光学精密机械研究所 主办