定在エバネッセント光による超解像顕微法の研究

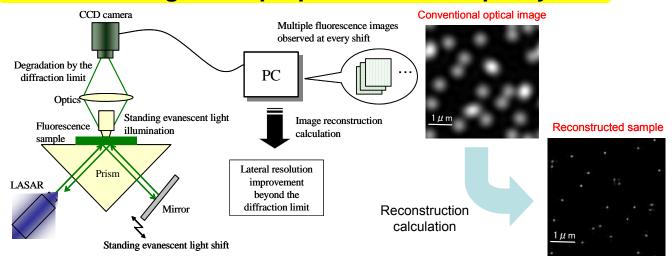
A Study of Super-resolution Microscopy with Standing Evanescent Light

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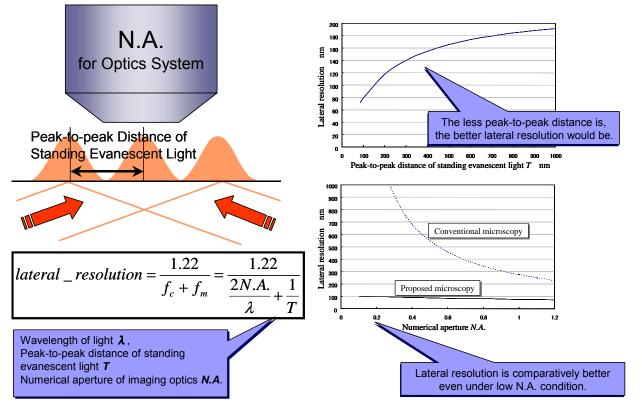
Abstract

回折限界を超えたナノメートル分解能を持つ、定在エバネッセント光を用いた超解像顕微法を開発する.

Schematic diagram of proposed microscopic system



Characteristics of Resolution Power



Ref.) H.Nishioka, et. al., A SUPER-RESOLUTION MICROSCOPY WITH STANDING EVANESCENT LIGHT AND IMAGE RECONSTRUCTION METHOD, Proceedings of the 18th IMECO World Congress, 2006