# 複素双曲多様体上の正則写像の剛性について

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Let $N = B^n/\Gamma$ be a complex hyperbolic manifold of divergence type and $M$ a complex manifold which may not be compact nor complex hyperbolic. In this talk, we shall consider the (strong) rigidity for non-constant holomorphic maps of $N$ to $M$. Generally, the rigidity does not hold. Hence, we shall consider sufficient conditions for the manifold $M$ to have the rigidity. As an application, we shall establish a finiteness theorem for holomorphic maps of $N$ to $M$ if $\Gamma$ is finitely generated and if $M$ is compact.

Also, we shall construct examples of the manifold $M$ with the rigidity for holomorphic mappings of $N$ and consider related topics.