Inverse shadowing property for an automorphism on Banach spaces and its relationship with the shadowing property

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Abstract
In this talk, we introduce a definition of the inverse shadowing property for a linear automorphism on Banach spaces. Then we explore the relationship between shadowing property and inverse shadowing property in a linear automorphism on Banach spaces. Furthermore we give some examples, including the weighed shift on $\ell^p(N)$, to illustrate our result.