Introduction to Pluripotentyial Theory
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Abstract

Pluripotential theory has proven to be a powerful tool in areas such as complex geometry and complex dynamics. The goal of the lectures is to introduce the audience to the basic notions and constructions within the theory, such as plurisubharmonic functions, positive currents, Lelong numbers and intersection theory. Time permitting, we shall also grasp on the more recent advances and their applications in complex geometry.