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Chung-Chun Yang* (mayang@ust.hk), Dept. of Math., The Hong Kong University of Sci.&Tech., Kowloon, Hong Kong. *On entire solutions of nonlinear differential and difference equations.* Preliminary report.

In the talk we shall present how to use Nvanlinna's value distribution theory to study and derive the solution of entire solutions of certain types of nonlinear differential equations or difference equations. (Received August 14, 2007)