

Nonlinear ODE in Complex Form

Contiguity relation and Toda equation, integral representations of hypergeometric functions

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10:40 - 12:20

308, Mathematics Research Center Building (ori. New Math. Bldg.)

In this talk, we will introduce (1) a solution of Toda equation, (2) Euler and Barnes integral representations for solutions of the hypergeometric equation. The reference is Sections 2.2.2-2.3 in the book "From Gauss to Painlevé: a modern theory of special functions".

