Special Solutions of Hypergeometric Equations with Additional Apparent Singularities

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One of the important features of the classical Hypergeometric equation is that each of its solution admits an Euler integral representation. The same feature is not shared by Fuschian equations with four or more singularities in general. In this talk, we will see that special Fuschian equations with all singularities apparent except three of them have the property stated above. This is a joint work with Y.M. Chiang and C.Y. Tsang.