1099-33-93 **fadel khalladi*** (`hamid201254@yahoo.fr`), 100 logts city, N°95, Adrar, 01000 Adrar, Algeria. *A new asymptotic gamma function formula and an exact solution of one case of confluent hyper-geometric function.*

In this present work, we will apply a new geometric model to find the asymptotic of the gamma function. This model allows an analytical formla of asymptotic gamma function with a high precision. I also give the asymptotic formula of Psi (Di-gamm) function. In the second part, we present an exact solution of one particular case of confluent hyper-geometric functions. These expressions often and simplify many related formulas and contribute a high accuracy in calculus. (Received January 29, 2014)