1030-34-10   **Ali A. Salim*** (`alisoudani57@yahoo.com`), Damscus, Syria. *Solution of first order second degree quadratic differential equation.*

The general form of this differential equation has a quadratic expression of the first derivative of Y on the L.H.S and the R.H.S of this equation as a quadratic polynomial of Y .The coffecients are arbitrary functions of (X). This equation can be solved by using a comparison method which is abreviated by a convenient linear substitution in the above equation and comparing the result with a solvable generated equation of the same type and then finding the unknown functions .The general solution can be written as a general formula in termes of the equation coffecients . (Received June 02, 2007)