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Yilmaz Simsek* (ysimsek@akdeniz.edu.tr), Akdeniz University, Science Faculty, Department of Mathematics, 07058 Antalya-Turkey, Turkey. *Remarks on special numbers and their applications*. Preliminary report.

In this paper we study on the special numbers (Eulerian Numbers, Bernoulli Numbers, Stirling Numbers). We give their generating functions. By using these functions, we derive some partial differential equations and functional equations. By using these equations, we investigate many fundamental properties of these numbers. We also give recent studies on these numbers. (Received February 19, 2013)