= E (mathematical constant) =

The number e is an important mathematical constant that is the base of the natural logarithm . It is approximately equal to $2 \ @. \ @. \ @. \ @. \$ 71828 , and is the limit of (1 + 1 / n) n as n approaches infinity , an expression that arises in the study of compound interest . It can also be calculated as the sum of the infinite series

<formula>