

Analytically  $\int_1^3 \frac{x}{1+x} = 1.306852819440$

TABLE I: Numerical integration with different iterations and with different methods

	<b>Midpoint</b>	<b>Trapezoidal</b>	<b>Simposon</b>
N=06	1.307715679125	1.305122655123	1.306830206830
N=10	1.307164639590	1.306228596825	1.306849769311
N=26	1.306899032304	1.306760380902	1.306852751307