ON LARGE DEVIATIONS OF SUMS OF INDEPENDENT RANDOM VARIABLES

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A series of new limit theorems will be presented for tail probabilities of sums of independent random variables. These results are generalizations and strengthenings of the classical Cramer's theorem on probabilities of large deviations (see, for example, V.V.Petrov, Sums of independent random variables, Springer-Verlag, Berlin-Heidelberg-New York, 1975).