

THE APPLICATION OF THE MONTE CARLO COMPUTATIONS OF MULTI-
DIMENSIONAL INTEGRALS IN THE THEORY OF MANY BODY /1/

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Summary

The Monte Carlo /MC/ method is one the most powerful
technique for numerical calculation of multidimensional integrals.
At first the authors repeat mathematical ground of the MC method
and then explane its realization by electronic computers. We
consider a 39- dimensional integral Which also ^{CAN} be solved analyti-
cally. The comparision of boat results shows good agreement.
At the and We present a FORTRAN program of MC procedure.

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