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June 4, 1980

Dr. R. K. Varma
Institute for Fusion Theory
Hiroshima University
Higashisenda-machi
Hiroshima City, Japan

Dear Dr. Varma:

Thanks for giving me a copy of your very ingenious paper of 1971, which I have today just found the time to read. It's hard for me to judge the validity of what you have done, but it's clear that you were then far ahead of your time, and only now can such "far-out" concepts be appreciated. I certainly would encourage you to pursue these ideas. Perhaps computer experiments can test your ideas better than lab experiments.

I enclose two papers which may be relevant: my student Littlejohn's Hamiltonian formulation of guiding-center motion, and my Nagoya talk, which indicates that deterministic motion can indeed be Markovian.

With best wishes,

Allan Kaufman

Allan N. Kaufman

ANK: ag
Encl.

* Sorry! We're out of reprints. See *J. Math. Phys.* 20, 2445
(Dec. 79)