

NICE, LE 27 janvier 1969
LE MONT-GROS

Dear Dr. Chirikov,

I cannot remember whether I sent this to you already or not. Please excuse me if you have it already !

Thank you for sending your last reprints, which I found very interesting.

A young astronomer, Mr. Froeschlé, is working with me now on a problem with three degrees of freedom (the restricted problem of three bodies in space). Our aim is to arrive at a detailed description of the various kinds of orbits, similar to what has been achieved in problems with two degrees of freedom. A practical problem is: how can one represent now the "surface of section", which is four-dimensional ? We are trying various techniques.

With best wishes,

yours sincerely,

M. Hénon

Michel Hénon