

Moscow, Dec. 28, 1982

Dear Professor Reyfikhiz,

Thanks for your letter which contained the introduction to your paper "Symplectic geometry of shallow water waves". I would be interested to get the whole paper as well as your other work on the subject.

I have published three or four papers on Hasegawa's equations, the main two ~~being~~ written in the collaboration with B. Kupershmidt, in the "Funktsionalny Analiz i ego prilozhenia (the Russian magazine, which is translated in USA) in 1977-1978). B. Kupershmidt who is now in Ann Arbor, had vigorously pursued the subject.

I believe you could mutually profit of the contact with him.

The solutions you mentioned were also constructed in our first paper (Funkt. An. 11:3, 1977, pp 40-41; §4 of the Kupershmidt-Martin I). (There seems to be a computational error though in the statement). See also Stoker, Water waves (1957), p. 337.

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A short review of some of our results can be found in Physica 3D (1981) Nos 1+2, 400-405, including bibliography.

Yours sincerely

Lollanun
(Martin G. I.).