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February 4, 2021

Review

of the PHD student training program in specialty "Applied Mathematics"
at Oles Honchar Dnipro National University, Ukraine

The reviewed program for specialty "Applied Mathematics" has been prepared at Oles Honchar Dnipro National University. It consists of five main parts, which include information on the goal of the program, a list of expected proficiencies of the graduates from the program, a list of the program components, a matrix for providing the learning outcomes by the relevant components of the educational program, etc. The disciplines suggested in the list of the program components include the most significant branches of Applied Mathematics and Mechanics and are appropriate for the educational goals. The program is written in clear, intelligible style and can be easily understood by applicants to the program with different levels of training.

A very important factor in successful training of students in the program is the educational and scientific level of the teaching cohort. I know many representatives of scientific schools in Applied Mathematics and Mechanics of Oles Honchar Dnipro National University by their publications in the leading International Journals and through meetings at International Conferences. Professors E. Kiseleva, O. Goman, V. Loboda, A. Dsuba, N. Huk, L. Knysh, E. Hart, who are the main lecturers at the program, are high level specialists who are well known in the scientific communities of their fields of expertise. Over the years, I have had an opportunity to directly evaluate the educational and scientific level of the DNU academic staff by closely interacting with graduates of the master and bachelor programs of the University. My department has close relations with the department of Applied Mathematics of DNU and several DNU graduates, e.g. Pavlo Knysh, Konstantyn Vaslevski, Katerina Miroshnichenko, have been admitted to the University of New Hampshire PhD program. Some of them have already defended their Ph.D. dissertations while others successfully continue their education at present. All of them have proven to be excellent specialists in the field of mechanics and applied mathematics with a deep and versatile level of training. This experience demonstrates that education in the specialty of "Applied Mathematics" is carried out at a high international level and students gain knowledge that allows them to successfully study in Ph.D. programs all over the world.

To summarize, it is my opinion that the reviewed Ph.D. program in specialty "Applied Mathematics" is prepared at the high scientific level and has all required components for continuing success.

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