



The function module design of virtual experimental study platform

¹Zhiyuan XU, ²Helan WU, ³Zuyuan WANG, ³Hongjiao YAO and ³Jun CHEN

¹Cyber Educational College, Fudan University, Shanghai, 200433, CHINA

Email: zhiyuan912@hotmail.com

^{2,3}Education Technology, Department of Physics, Tongji University, Shanghai, 200092, CHINA

Email: helanwu@126.com

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Abstract

This paper reports the design of the function module for a study platform according to the biggest features, autonomy, of learners learning in virtual experiments. Experiment center modules in this platform are divided into the inquiry experiment center and verification/application experiment center as based on different types of experiments. Then we describe the details of the function modules for these two centers with an aim to provide a reference standard for designing function modules.

Keywords: Virtual Experiment; Replication Experiment; Exploratory Experiment; Application Experiment; Function Module Design.