

Quality Measurement of the latent Properties of Students Educational and Projecting Activity in Vocational Pedagogical Universities

Abstract. The paper deals with the issue of quality measurement and educational process outcomes. The author analyzes the structure of training and projecting activities of the prospective teachers-designers, and regards the given structure as the integral quality indicator of the specialist training in the above profile. The training project level can be estimated by examining students' final qualification works. The paper demonstrates a set of indicators for estimating the quality of designing and training activities of the graduates. The implementation of the RUMM 2030 program and mathematical statistics tools based on the Rasch model of quality measurement is substantiated.

The above method approbation regarding the estimation of the latent variables of training and designing activity of prospective vocational teachers demonstrates that the recommended quality criteria, referred to as indicators, can be used in the competence assessment of the future teachers-designers.

Keywords: indicator variables, latent variables, pedagogic measurement, training and designing activity.

References

1. Avanesov V.S. // Pedagogical dimension. №1, 2005. pp. 3-27.
2. Maslak AA measurement of latent variables in the socio-economic progress Systems: Theory and Practice: monograph. Slavyansk-on-Kuban: SSPI, 2007. 424 p.
3. Maslak AA, Pozdnyakov SA Measuring the quality of the final qualifying works: guidelines. Slavyansk-on-Kuban: SSPI, 2009. 44 p.
4. International standard professional interior designer [Electron. resource]. International Interior Design Association (IIDA). Mode of access: <http://www.iida.org>.
5. Industry standard terminology. Terms and definitions. Standards organizations - the industry standards (OST) [Electron. resource]. Mode of access: ru.wikipedia. org / wiki / Standard.
6. Fedorov V.A. // Education and Science. 2008. № 9. pp. 127-134.
7. Fedorov V.A. // Education and Science. 1999. № 2. pp. 189-198.
8. Fedorov V. A., Falco V.P. / / Bulletin of the Chelyabinsk State Pedagogical University. 2008. № 12. pp. 152-162.