

Oblasti vedeckovýskumnej činnosti

teória grafov

e-learning vo vyučovaní matematiky

Výber z publikačnej činnosti

Graph Theory

- Pokorný, Milan – Híc, Pavel: Distance Spectra of H-join Graphs. *Advances and Applications in Discrete Mathematics*, Volume 17, Number 3, 2016, pp. 305–321. ISSN 0974-1658.
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Modern Technologies in Education

- Bérešová, Jana – Pokorný, Milan – Peterková, Viera – Híc, Pavel: The Impact of Blended Learning on Learning Efficiency. In *Information, Communication and Education Application, Advances in Education Research*, Volume 85, 2015, pp. 12–17. ISBN 978-1-61275-118-4, ISSN 2160-1070.
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Výber z účasti na riešení projektov

- Grant KEGA 003UMB-4/2017 s názvom „Implementácia blended learningu do prípravy budúcich učiteľov matematiky“ – zodpovedný riešiteľ spolupracujúceho pracoviska (2017 – 2019).
- Grant KEGA 003TTU-4/2015 s názvom „Elektronické kurzy pre vyučovanie matematiky na základných školách a v prvých 4 ročníkoch osemročných gymnázií“ – zodpovedný riešiteľ (2015 – 2017).
- Grant KEGA 008UMB-4/2013 s názvom „Efektivita blended learningu v príprave budúcich učiteľov matematiky“ – zástupca zodpovedného riešiteľa spolupracujúceho pracoviska (2013 – 2015).
- Grant KEGA 010UMB-4/2011 s názvom „Tvorba elektronických kurzov z matematiky pre žiakov základných škôl a prvých 4 ročníkov osemročných gymnázií“ – zodpovedný riešiteľ spolupracujúceho pracoviska (2011 – 2013).
- Grant VEGA 1/0042/14 s názvom „Spektrálna teória grafov a hranové farbenie grafov“ – spoluriešiteľ (2014 – 2015), zodpovedný riešiteľ (2016).