

大学数学课程“三维互促、六融并举” 育人体系的创新与实践

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[摘 要] 结合国家级课程思政教学团队的建设经验与国家级一流本科课程建设的成果, 本文聚焦大学数学课程建设的痛点问题, 从学法、教法和课程思政三个维度出发, 通过六种融合方式, 创新构建了“三维互促、六融并举”课程育人体系。该体系中三个维度相互促进、相互支撑, 六种融合方式协同配合、踔厉并举; “三维六融”形成合力, 为高质量培养创新人才提供了清晰可鉴的技术路径与系统解决方案。

[关键词] 大学数学; 育人体系; 一流课程; 课程思政

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Innovative Practice of Multi-Dimensional Collaborative Education in University Mathematics Courses

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Abstract: Derived from the experience of the national curriculum ideological and political education team as well as their achievements of national first-class curriculum construction, this article focuses on the key points of setting up university mathematics curriculum. Integrating the three main ingredients—learning methods, teaching methods, and ideological and political education, an innovative “multi-dimensional collaborative education” curriculum is constructed. These three dimensions offer the fundamental guidelines for the class designs, further integrating six unique means of class deliveries together thrive in a coordinated and vigorous manner. With the full synergy between “three-dimension and six-integration”, a clear and systematic roadmap has been established for high-quality cultivation of innovative talents in universities.

Key words: university mathematics; education system; first-class courses; ideological and political education in courses

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