

PEDAGOGICAL AND PSYCHOLOGICAL FOUNDATIONS FOR DEVELOPING INVENTIVE ABILITIES OF FUTURE ENGINEERS IN A DIGITAL TRANSFORMATION ENVIRONMENT

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ABSTRACT

This article analyzes the pedagogical and psychological foundations for developing the inventive abilities of future professionals in engineering education under digital transformation conditions. It substantiates the content of inventive ability and the role and influence of digital technologies in its formation. Methodological approaches and pedagogical conditions for effectively organizing this process are also highlighted.

Keywords: Digital transformation, engineering education, inventive ability, pedagogical-psychological foundations, innovative technologies.