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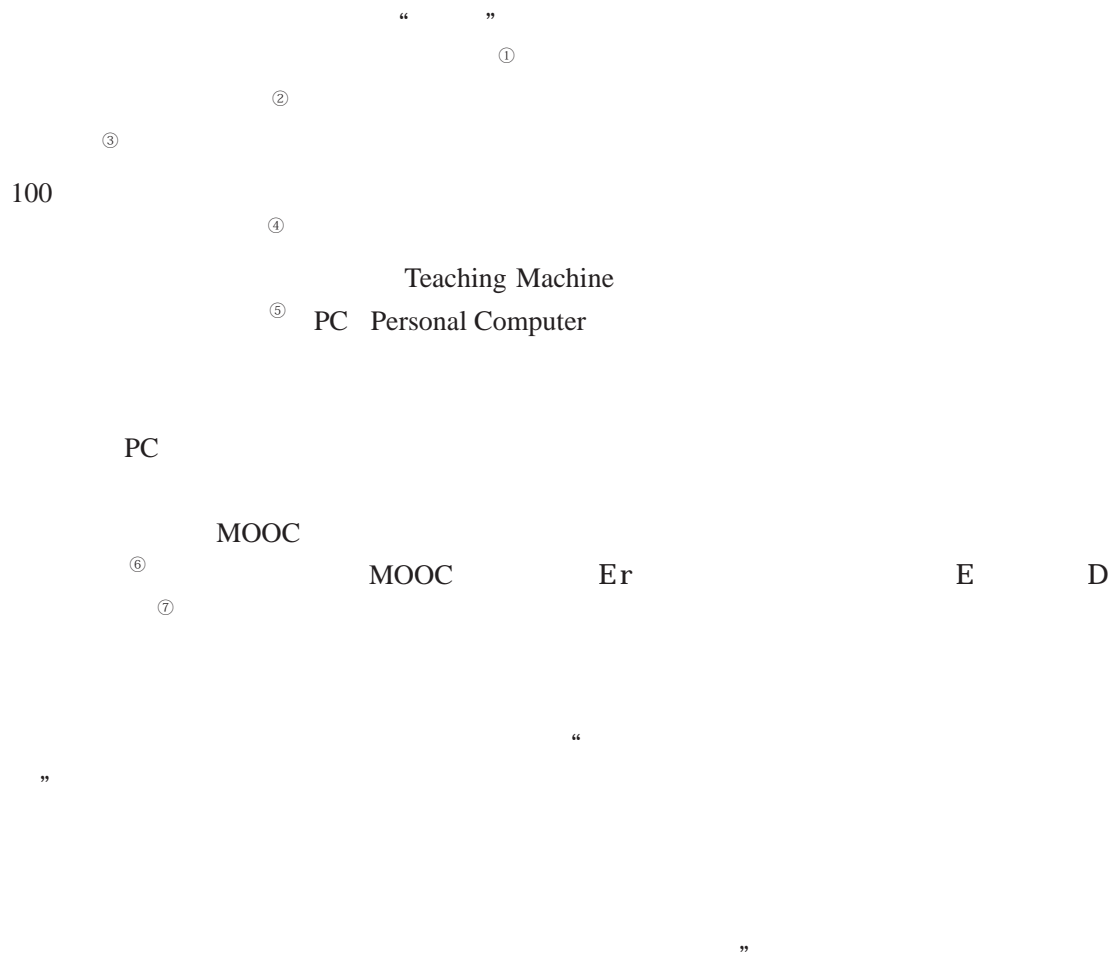
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The Multidimensional Impact of Large Language Models Such as ChatGPT on Education and Countermeasures

LU Dao-kun LI Shu-ting

School of Teacher Education Jiangsu University Zhenjiang Jiangsu 212013

Abstract: Traditional education will encounter a new crisis with ChatGPT continuously invading the education system. Some believe that there is no need to take it seriously and choose to resist it or a wait-and-see attitude. The reasons behind this attitude include inertia in thinking and the lack of management systems for large language models such as ChatGPT which deprive people of their sense of security. In terms of the education system the educational self-consistency and substitution anxiety caused by ChatGPT will deconstruct the existing education goal system from with and without resulting in the reconstruction of an education goal system based on human freedom and comprehensive development. ChatGPT will promote the shift in knowledge production and learning and then use the re-evaluation of knowledge education value as the “ fulcrum ” to leverage the overall value re-evaluation of education promoting value creation with “ people-oriented ” and “ high-level ” education. ChatGPT will also trigger changes in student development and evaluation standards and methods promoting comprehensive innovation in the education evaluation system. As regards school education the transformation of knowledge learning will inevitably promote the space-time restructuring of school education as well as the innovation of school ecology transforming classroom teaching from “ three-dimensional ” to “ four-dimensional ” and this will further drive for the reshaping of teaching ecology process reengineering and classroom teaching revolution triggering changes in teacher roles work methods and development methods.

Key words: a Major Crisis ChatGPT Large Language Models Education Invasion Impact Responses