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Variety	Big Data Value	Volume	Velocity
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大数据时代的汉语国别化教材研发

——兼论教材实时修订功能

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摘 要:

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U.S. Department of Education Office of Educational Technology. 2010 35 Philip J. Goldstein 2005
performance analysis what-if decision support predictive model-
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注释:

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Study on Development of Chinese Country-specific Teaching Materials Based on Big Data

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Abstract The record form of human language has great diversity. Traditional textbooks can neither provide support for the development of digital teaching and individualized teaching nor meet the demand of various types and levels of learning. Big data can provide a new perspective for the development of Chinese country-specific teaching materials. The linguistic data in the era of big data has eight characteristics complexity dynamicity authenticity universality historicity interdisciplinary and multimedia and accessibility. There are five reasons for the development of Chinese country-specific teaching materials the basement of the source of the teaching materials teaching resources based on big data the inno-

vation of the teaching material extract the oral features the trend of the teaching materials' development learners' learning behavior analysis The accept or reject of the teaching materials the language cognitive process and multiple sensory systems The arrangement of the teaching materials "Graded Salience Hypothesis". There are also four principles of development including analysis based on the learning behavior language product based on the multiple sensory systems development of teaching materials based on the corpus design and the real-time revise of teaching materials development based on the complex dynamic data.

Key words big data complex dynamic system Teaching Chinese as a Second Language country-specific teaching materials corpus

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