

慈濟大學 95 學年度
研究所碩士班招生考試命題紙

科目：英文(教研所)

共1頁

英翻中 50 分

1. Comparative Studies on U.S. and Chinese Mathematics Learning and the Implications for Standards-Based Mathematics Teaching Reform

2. Chinese students often outperform U.S. students on international tests in mathematics.

3. Chinese students' mathematics performances are assumed to be related directly to their teacher's deep mathematics understanding and ability to represent concepts flexibly in their classrooms, which, in turn, are thought to be influenced by Chinese mathematics curriculum and policies.

4. The authors examine this theoretical assumption through a systematic review of relevant literature and attempt to identify the relationship between Chinese students' mathematics performance and the factors that contribute to their achievement.

5. On the basis of their review, the authors raise questions about the assumption and propose research that can lead to a better understanding of the relationship between the quality of students' mathematics learning and the contexts in which their learning occurs.