

Colloquium

Mathematics journeying with literature

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地 點：應用數學系多媒體教室(理 408 室)

摘 要：

Thus, the prophetess Deborah sang, beginning in an epic song, the journey of the mathematics of rationality together with the literature of sensibility. In Rheology and Mathematics, we discovered there is a journey in mathematical literature traveling with epic, classical Chinese and modern literature. From the viewpoints of mathematicians to those of literary artists, we uncovered the implications of literature for mathematics. In student's mathematical creative writing, we saw the meaning of mathematical literature for mathematical education. Referring to various types of mathematical literature along the road, we investigated how to combine the truth in mathematics, beauty in words in such a way that the romanticized concepts of mathematics can warmly be received and embodied in words. At the end of our study, we discovered the existence of a humanistic mathematical world. Eventually, we understood that the correct concepts of mathematics, the emotional expression of words, and the clarity of narratives create a fulfilling mathematical literary writing, thus revealing the meaning of the journey.

Reference

1. 李雪甄 (2020 年1 月)。理有所依、情有所達、心有所歸：淺談數學詩文。數理人文，17 (印刷中)。
2. 張慈珊、李雪甄 (2019 年6 月)。文學與數學的一場對話。數學傳播，43(2), 84-93。