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Classical mirror symmetry: Physics applied to algebraic geometry

Masao Jinzenji
Hokkaido University, Japan

Since the striking paper: "A Pair of Calabi-Yau Manifolds as an Exactly Soluble Superconformal Theory", by Candelas, de la Ossa, Green, and Parkes appeared in 1990 in Nuclear Physics B, Mirror Symmetry has been studied extensively by both Physicists and Mathematicians. I have been trying to clarify mathematical mechanism of the mirror symmetry hypothesis from the point of view of "moduli space of quasi maps. In this talk, I briefly explain my results on classical mirror symmetry obtained from my research through these 20 years.

jin@math.sci.hokudai.ac.jp

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