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Kwokwai Chan and **Yat-Hin Suen*** (yhsuen@ibs.re.kr). *Geometric Quantization via SYZ Transforms.*

The so-called quantization problem in geometric quantization is asking whether the space of wave functions is independent of the choice of polarization. I will explain how mirror symmetry can be applied to solve the quantization problem. This is a joint work with Kwokwai Chan. (Received January 27, 2019)