

Phase Retrieval From $4d-4$ Generic Measurements

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I will talk about a paper by Conca, Edidin, Hering, and Vinzant which appeared in 2015 and in which it is proved that $4d - 4$ generic vectors in \mathbb{C}^d allow for phase retrieval. The proof uses facts from algebraic geometry which I will present in the beginning of the talk.