



MAFIA - the seminar you can't refuse

## **Squeezing of arbitrary order**

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**Abstract:** I present an operator theoretic side of the story of squeezed states regardless the order of squeezing. For low order, that is for displacement (order 1) and squeeze (order 2) operators, I bring back to consciousness what is known or rather what has to be known by making the exposition as exhaustive as possible. For higher order the impossibility of squeezing in the traditional sense is proved rigorously.