

Quantum
Physics

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**quantum
estimation,
quantum
cloning
and finite
quantum
de Finetti
theorems**

[Giulio Chiribella](#)

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Oct 2010 (v1), last
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(this version, v4)

This
paper
presents
a series
of
results
on the
interplay
between
quantum
estimation,
cloning
and
finite de
Finetti
theorems.
First, we
consider
the
measure-
and-
prepare
channel
that
uses
optimal
estimation