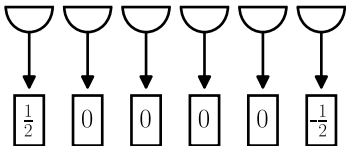


1

Two-level atoms
are entangled in
the optical lattice



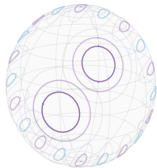
2

We measure locally
with two possible
settings α

3

Three **outcomes r**
are possible

M-site Bell correlator
is tailored for a
GHZ state



Two-site Bell correlator
is tailored for a
squeezed state

