

The Super Position Of State
Frances M Lynch
based on the work of Dr Isabelle Riou

Our state

A state

Not super

in no position

to be

super

But

in quantum physics

it is

the superposition of state

A cloud of atoms held by a beam of light

Waves of light

Laser Light

A cloud of atoms

Suspended in waves

Embraced by the heat of 3 lasers

Trapped, cooled and measured

Trapped, cooled and measured

Gravity

In a pulse,

Gravity

a beat, so fast you can almost....

Not hear it

Not See it

Not Feel it

The waves divide

Split

Take 2 separate paths

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Wrapping around stone

They meet unmatched

Patterns changed

New

A new state

New and still

the same

state

They have no choice

We do

Our separate paths will change patterns

Waves

endings

Trapped, cooled and measured

Cooling in a sea of molasses

Colder than we can stand

If only we could

If only we would

Stand

heat rips, tears,

breaches our defences

breaks the stone

The waves will come

Soon