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## Smoothly breaking unitarity : studying spontaneous collapse using two entangled, tuneable, coherent amplifiers

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# Smoothly breaking unitarity

Studying spontaneous collapse using two entangled,  
tuneable, coherent amplifiers

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COVER DESIGN BY Tijs Hol – *What is large?* The cover visualises the underlying idea of this thesis. It shows an artist's impression of a phase space representation of a quantum state with pointers (measurement apparatuses). The larger the pointer, the more likely it is that a measurement of the state takes place, as indicated by the transparency of the pointers.

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