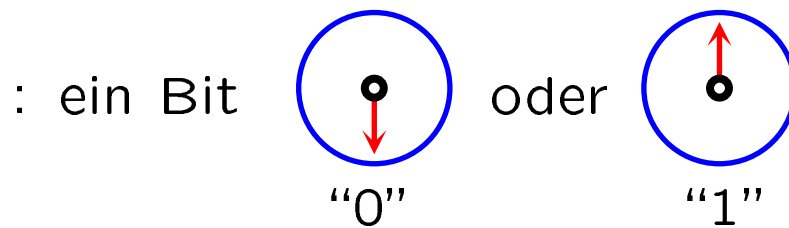


# Das Qubit

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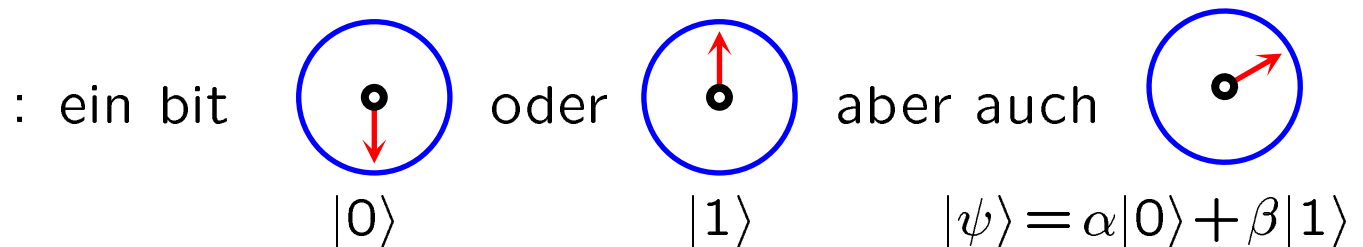
- Elementarteilchen der kl. Information



Übertragen/Speichern  
Rechnen

SHANNON 1940–47  
TURING 1936

- Elementarteilchen der Quanteninformation



Quanten-Bit = QUBIT

SUPERPOSITION  
offers additional possibilities  
for playing with information

Quantenkryptographie  
Quantencomputer  
Quantenalgorithmen

BENNETT 1984 ...  
DEUTSCH 1985 ...  
SHOR 1995 ...