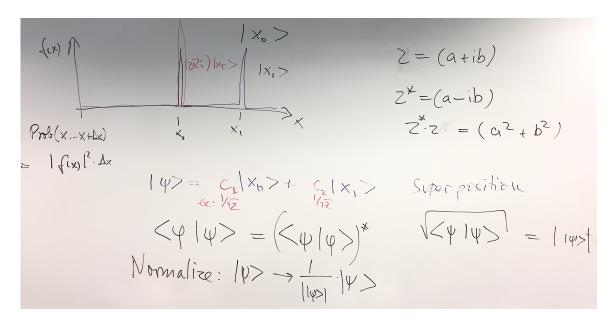


Reminder: Need to understand vectors and operators



Example: infinite-dimensional vectors = functions f(x). Superposition, normalization,...

Operator

Operator

Operator

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city> > City> > City>

linear transformation (Natrix)

Oir Eigenvector

Example

$$X \mid X_0 \rangle = x_0 \mid X_0 \rangle$$