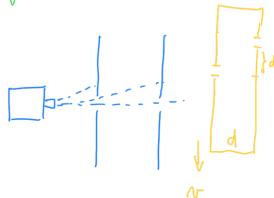
## Miritelne relicing jabo operatory

## Postame a filter mérice préstroj

Hypnost castice

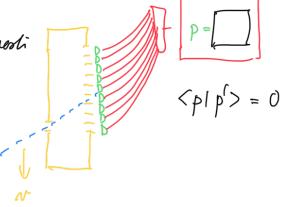


Filh ma my chlost 12 de

dp=mdv

Stidm livolvota hybrosh

Filde na vorden hybresti



maine she 14>

filh na (p) rybere spardepodohook (< p14) | star 1 p>

$$\langle p \rangle = \sum_{P} \langle p | \psi \rangle \langle \psi | p \rangle \langle p | \psi \rangle = \sum_{P} \langle \psi | \sum_{P} \langle p | p \rangle \langle p | \psi \rangle = \sum_{P} \langle \psi | \sum_{P} \langle p | p \rangle \langle p | \psi \rangle = \sum_{P} \langle \psi | \sum_{P} \langle \psi | p \rangle \langle p | \psi \rangle = \sum_{P} \langle \psi | p \rangle \langle p | \psi \rangle = \sum_{P} \langle \psi | p \rangle \langle \psi$$

Princip: Je-li velicine A privaren operatur a protecu je re stam (4) pal OSH velicin A h: (A) je roma njean (4)Â/4).

Princip: Pro leaidy stor fysikalules nystému dobaté brantora mechanika prodponídat poure pravdejodohost zsledku miremí

## Den: exingi prépade s parde podobnosi 1

Princip: Kasde mer telne relective na leke v kvantore mechanice operator olozen ae vorch mokujek ruzných meritelných stavů spérmu a s reallymi hodnotami dane relictivy odponídaticemi tembo meritelných otarůcu.

Meitelne stary 
$$|S_i\rangle$$
  $i=1,...,N$  a hodwy  $S_i$ 

$$S = \sum_i |S_i\rangle\langle S_i|$$

Stary 15i> jorn automatich olastními rektory operatoru S i Hastrumi lirdu Hami Si

$$\frac{3}{5}|S_{\xi}\rangle = \sum_{i} S_{i}|S_{i}\rangle\langle S_{i}|S_{\xi}\rangle = S_{\xi}|S_{\xi}\rangle$$

$$\delta i k$$

18eu:

Vozu: Base 1am n=1,.., N

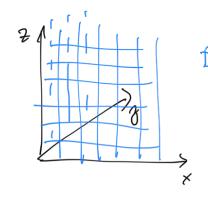
$$|S_{\xi}\rangle = \sum_{M} |a_{M}\rangle\langle a_{M}| |S_{\xi}\rangle = \sum_{M} \langle a_{M}|S_{\xi}\rangle |a_{M}\rangle$$

$$S_{mm} = S_{mm}^{*}$$

$$= \sum_{i} S_{i} \langle a_{m} | s_{i} \rangle \langle s_{i} | a_{m} \rangle = \sum_{i} S_{i} \langle a_{m} | s_{i} \rangle \langle s_{i} | a_{m} \rangle = S_{mm}^{*}$$

Princip: Miritelne mlicin jorn representrany hermitoussim

mirení polohy čádlice



₹ (½) ² ½