Meren a prépiava Haon

Mercen ne omen x

$$\rightarrow 1+x \rightarrow 1-x$$

$$|+\geq\rangle = \frac{1}{\sqrt{2}} \left(|+\rangle\rangle + |-\rangle\rangle$$

$$|-2\rangle = \frac{1}{\sqrt{2}} \left(|+\rangle\rangle - |-\rangle\rangle$$

$$(*)$$

Stru (+x) ... oped meters (+2) a 1-2> Dherome inntoral (*)

$$|+2\rangle - |-2\rangle = \frac{2}{\sqrt{2}} |-x\rangle$$

 $|-x\rangle = \frac{1}{\sqrt{2}} (|+2\rangle - |-2\rangle)$

$$P_1 = |\langle + \ge | + \times \rangle|^2 = \left(\frac{1}{I_2}\right)^2 = \frac{1}{2}$$
 $P_1 = \frac{1}{2}$

Filtrorainen stan 14> pomorei filten proponsitificiles juis star 1a>, pripanime rystein re otan 1a>

Villar la > porasiégeme ou normalisérant DISKONTINUITA

<a(a> = 1

Pracujune relatione le préparenément Nava

Pracujum relatine le stan purduimne

 $\Rightarrow P_{\alpha} = |\langle \alpha | \psi \rangle|^2 = |\alpha|^2$ 18>= x 1a> +B16>