$$|0\rangle + |0\rangle + |0\rangle$$

 $= e^{i2\pi \frac{s}{v}} - i^2 \pi \frac{ks}{v}$

$$= e^{i2\pi \frac{S}{V}} |u_{S}\rangle \rightarrow \frac{S}{V}$$

$$= e^{i2\pi \frac{S}{V}} |u_{S}\rangle = \frac{1}{V} \sum_{k=0}^{N-1} |u_{S}\rangle \rightarrow \frac{S}{V}$$

$$= \frac{1}{V} \sum_{s=0}^{N-1} |u_{S}\rangle = \frac{1}{V} \sum_{k=0}^{N-1} |u_{S}\rangle = \frac{1}{V} \sum_{s=0}^{N-1} |u_{S}\rangle = \frac{1}{V} \sum_{k=0}^{N-1} |u_{S}\rangle = \frac{1}{V} \sum_{s=0}^{N-1} |u_{S}\rangle = \frac{1}{V} \sum_{s=0$$