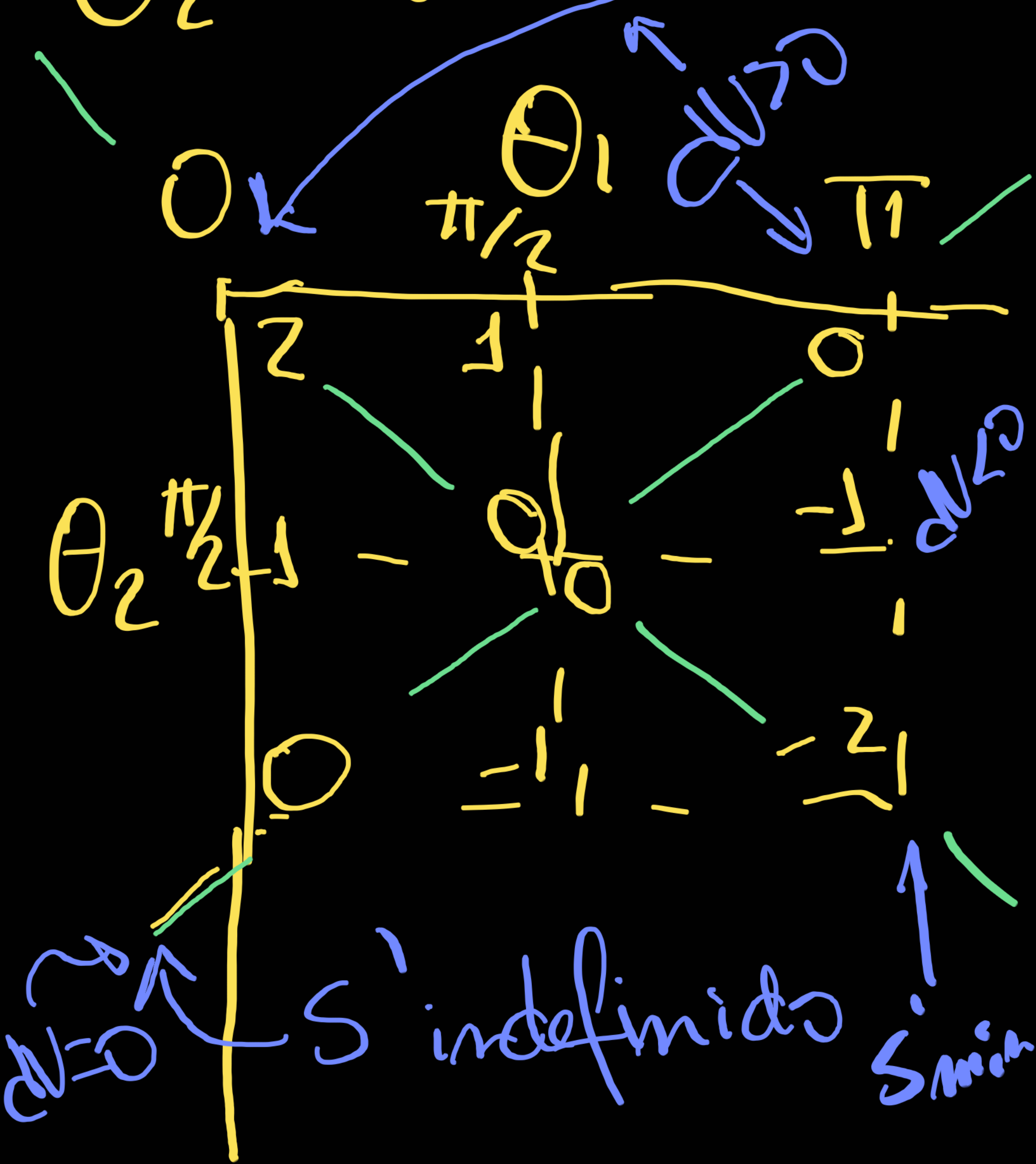
$$V = \frac{S'}{2}\left(C_{\theta_1} + C_{\theta_2}\right)$$

$$S' = \frac{2V}{C_{\theta_1} + C_{\theta_2}}$$

$$\frac{dS'}{d\theta_2} = \frac{-2V}{\left(C_{\theta_1} + C_{\theta_2}\right)^2} \times \left(-S_{\theta_2}\right)$$

$$= 0 \rightarrow$$

$\theta_2 = 0$ ou π S min.



$dS > 0$

$|S > |dK|$

$dS > \ldots$

$\underline{dV = 0} \rightarrow$

$\cos\theta_2 = -\cos\theta_1$

$$\boxed{\theta_2 = \pi - \theta_1}$$

$\underline{dV > 0} \rightarrow \cos\theta_1 + \cos\theta_2 > 0$

$0 \leq \theta_1 + \theta_2 \leq \pi$

$$\boxed{\begin{aligned} \theta_2 &\leq \pi - \theta_1 \\ \theta_2 &\geq -\theta_1 \geq 0 \end{aligned}}$$

$\rightarrow \theta_2 \geq 0$

$dV < 0 \rightarrow \cos\theta_1 + \cos\theta_2 < 0$

$\underline{dV < 0} \rightarrow \cos\theta_1 + \cos\theta_2$

$$\pi \leq \theta_1 + \theta_2 \leq 2\pi$$

$$\boxed{\begin{aligned} \theta_2 &\geq \pi - \theta_1 \\ \theta_2 &\leq 2\pi - \theta_1 \end{aligned}}$$

$$dS \geq dV^2 + dE^2 + dN^2$$

$dV = 0$

$$\rightarrow dS \geq dE^2 + dN^2$$

$$\lim_{\theta_2 \to 0} \operatorname{Sen}\phi_2(\theta_2)$$

$dV \neq 0$

$$\cos\theta_2 = \frac{2V}{S} - \cos\theta_1$$

$$1 \geq \frac{2V}{S} - \cos\theta_1$$

$$\boxed{S \geq \frac{2V}{1+\cos\theta_1}}$$

$$-1 \le \frac{2V}{S} - \cos\theta_1$$

$$\boxed{S \le \frac{2V}{\cos\theta_1 - 1}}$$

$$\frac{2V}{\cos\theta_1 + 1} \le S \le \frac{2V}{\cos\theta_1 - 1}$$

max en $\theta_1 = 0$

$\min$ en $\theta_1 = 0$ $= \infty$!

$= V$

$= ?$

* Si $dV < 0$

↪ ¡INVERTE!

¿¿