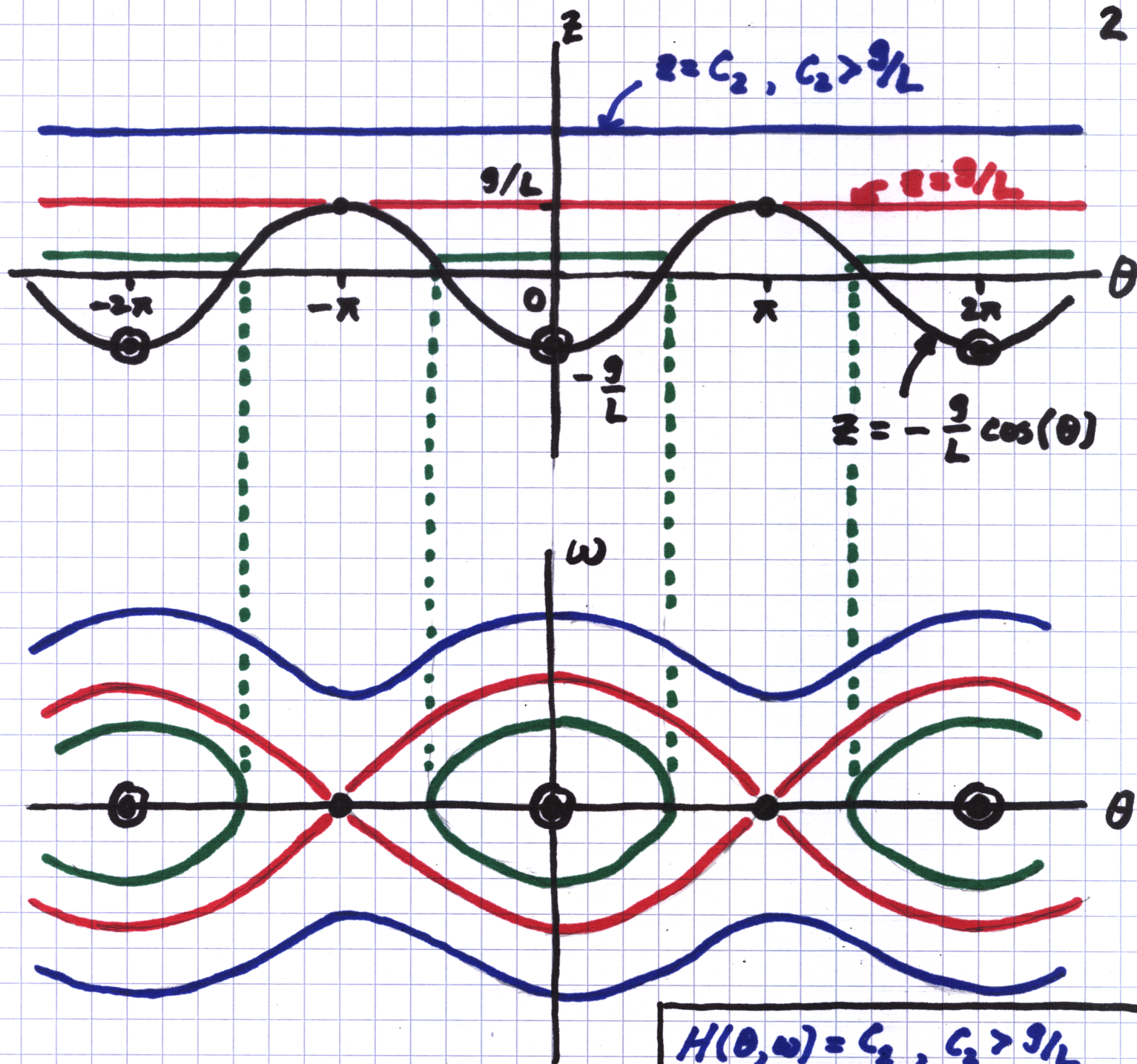




Contours of $H(\theta, \omega)$
in (θ, ω) -plane

$$H(\theta, \omega) = C_2, C_2 > \frac{g}{L}$$

$$H(\theta, \omega) = \frac{g}{L}$$

$$H(\theta, \omega) = C_1, -\frac{g}{L} < C_1 < \frac{g}{L}$$

Crit pts $(n\pi, 0)$, n even integer $\odot$ are local minima of $z = H(\theta, \omega)$

Crit. pts. $(n\pi, 0)$, n odd integer $\bullet$ are saddle points