

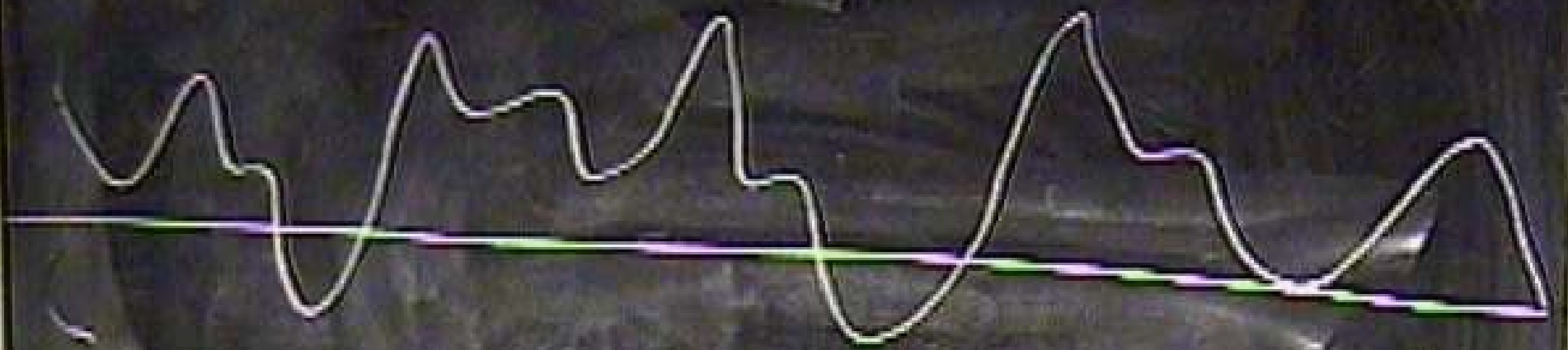
Title: Modular Cosmology

Date: Apr 11, 2005 04:00 PM

URL: <http://pirsa.org/05040052>

Abstract:

STARTING POINT

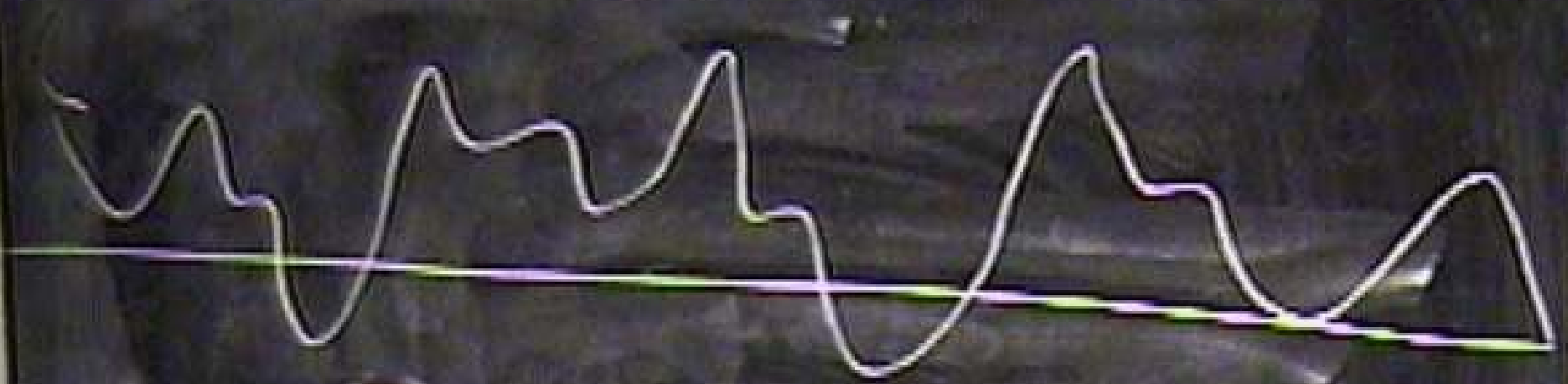


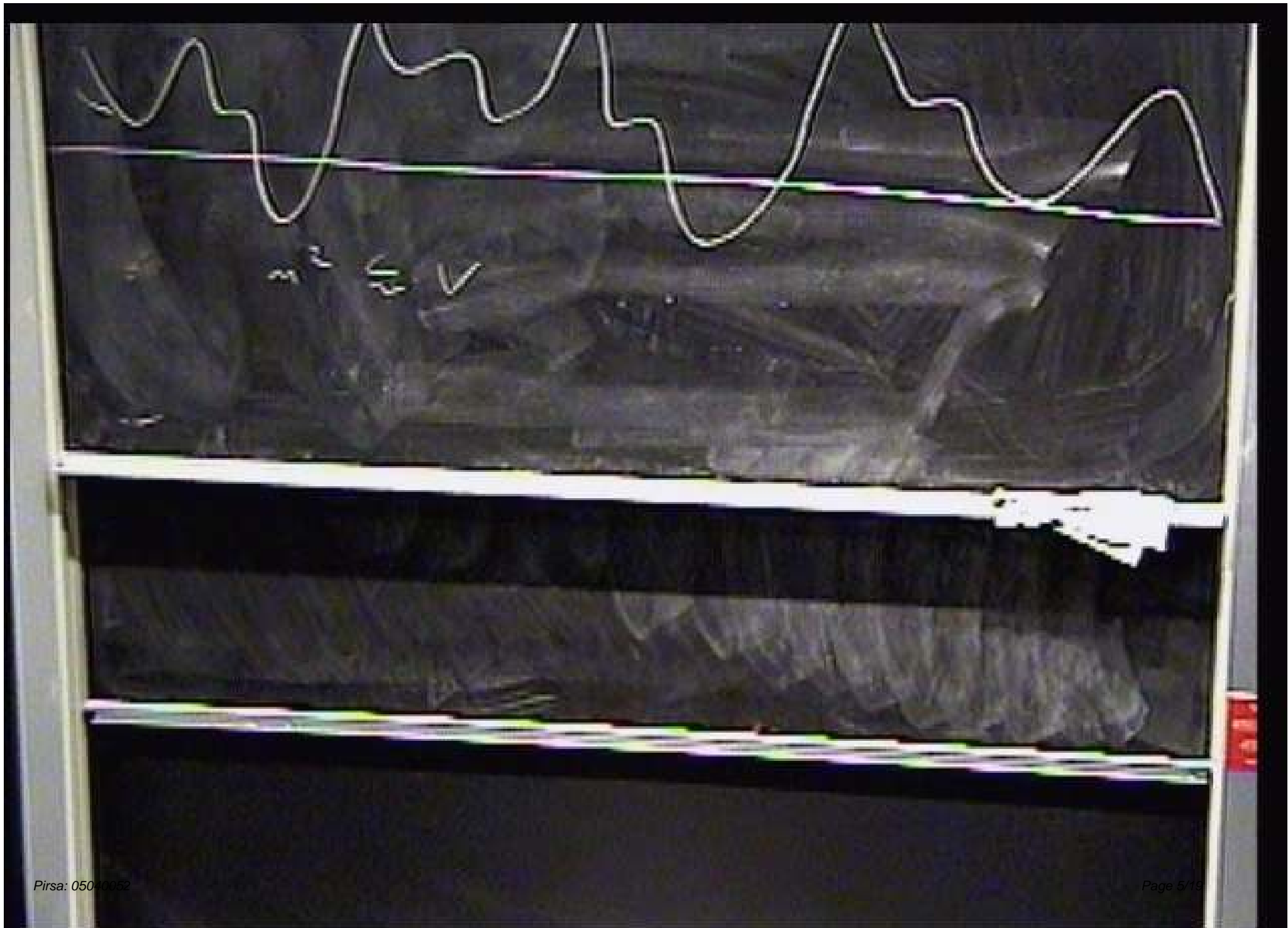
THERMAL INFLATION + BARYOGENESIS

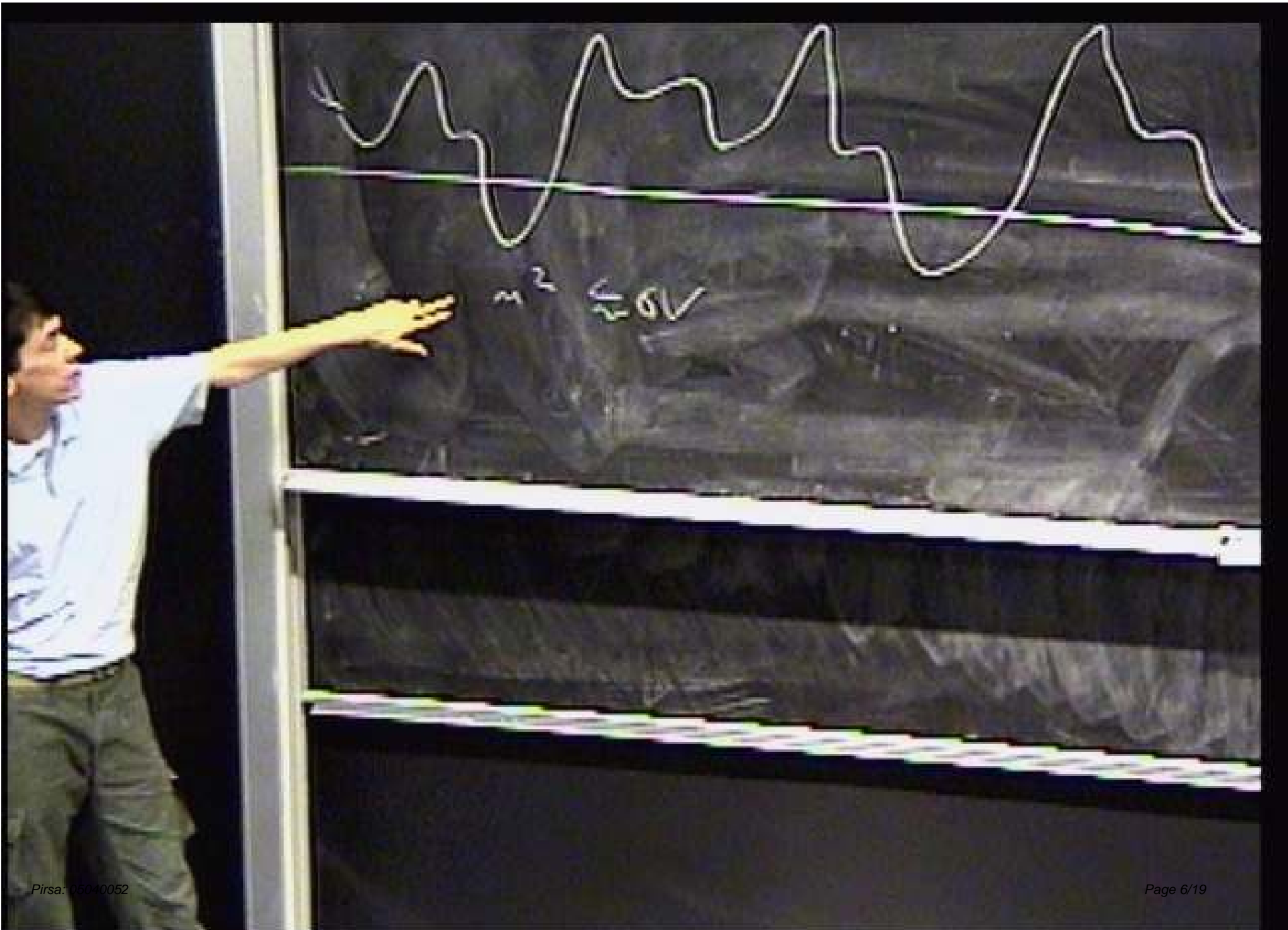
(TALK BY WAN-IL PARK AT CITA ON FRIDAY.)

$$W = QH_u + QH_d + LH_u^2 \\ + \phi^2 H_u H_d + (LH_u)^2 + \phi^4$$

STARTING POINT T







MODULAR INFLATION



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$$\lambda = 1$$

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$$n=1$$

$$m^2 \leq 6V$$



$$n=1$$

$$m^c \leq 6V$$



$$n=1 = 2 \frac{V}{V}$$

$\lambda = 1$

$\lambda = 6 \checkmark$



$$\lambda - 1 = 2 \frac{\lambda}{\lambda} = -12$$



$$\lambda = 1$$

$$M = \frac{G}{V_0}$$



$$\lambda = 1 = 2 \frac{V_0}{V_0} = -12$$

$$8\pi G = 1$$

$$M_{01} = \frac{1}{10} G V_0 = 1$$





