

Try certain "limits" of $m_1 \le m_2$ e.g $m_1 = 0$ $a = \frac{m_2}{n + m_2} q = \frac{m_2}{m_2} q = q$ $a = \frac{m_2}{n + m_2} q = \frac{m_2}{m_2} q = q$

Suppose M2= D

Fret = 0 but block spins! Fret = ma a = 0?

Here, a means acceleration
of the center of mass
center is staturary bill
block moves

Torque

- tendency of a force

to course notation

around an axis (30)

or al proof (20)

Pivot r

Vector from

pivot to where

the force is applied

FrJF, tau
tarque: T=rF