

drum speed $\omega = 225.8$ rev./min. $= n r$
dead-load $= W = 110$ Lb. $= w L$
balance THE NATURE OF LIGHT.
of brake rim $= K = 2$ ft. $= r$ ft.



real image
have
length

Fig. 42.21.

MOMENT OF INERTIA



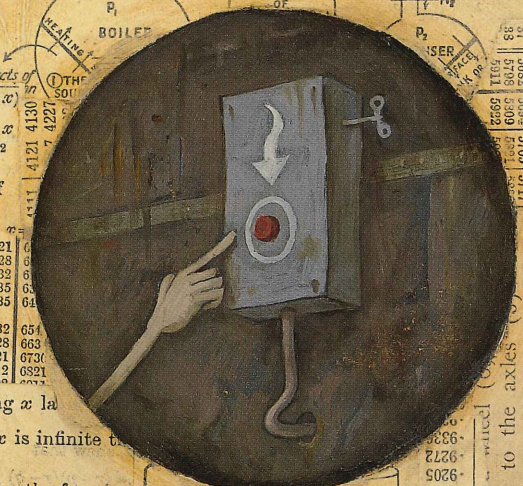
26. In how many ways can 4 Latin and 1 English book be placed on a shelf so that the English book is always in the middle, the selection being made from 7 Latin and 3 English books?

Vertical column of text and diagrams on the left edge of the right page, including a small diagram of a light bulb and the word 'NOTICE'.

A dense collage of technical diagrams, tables, and text from an old engineering or scientific manual. Includes various charts, mechanical drawings, and small text blocks.

The perpetual-motion machine illustrated depends for its action upon a physical apparatus known as "The Double Cone and Plane." This apparatus consists of a double cone of metal resting on a horizontal plane. When the cone is set in motion, it will rise on the plane and then fall back to its original position. The reason for this is that the center of gravity of the cone is always above the point of contact with the plane. As soon as the cone is set in motion, the center of gravity rises and then falls, causing the cone to oscillate. The symbol ∞ is used to indicate that this process is indefinite.

Eventually we found what seemed to be the right place, in a dark little gap off some anonymous little street. The sort of place you'd never know existed unless you were actually looking for it.



I pressed a buzzer on the wall and this big door opened up.

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