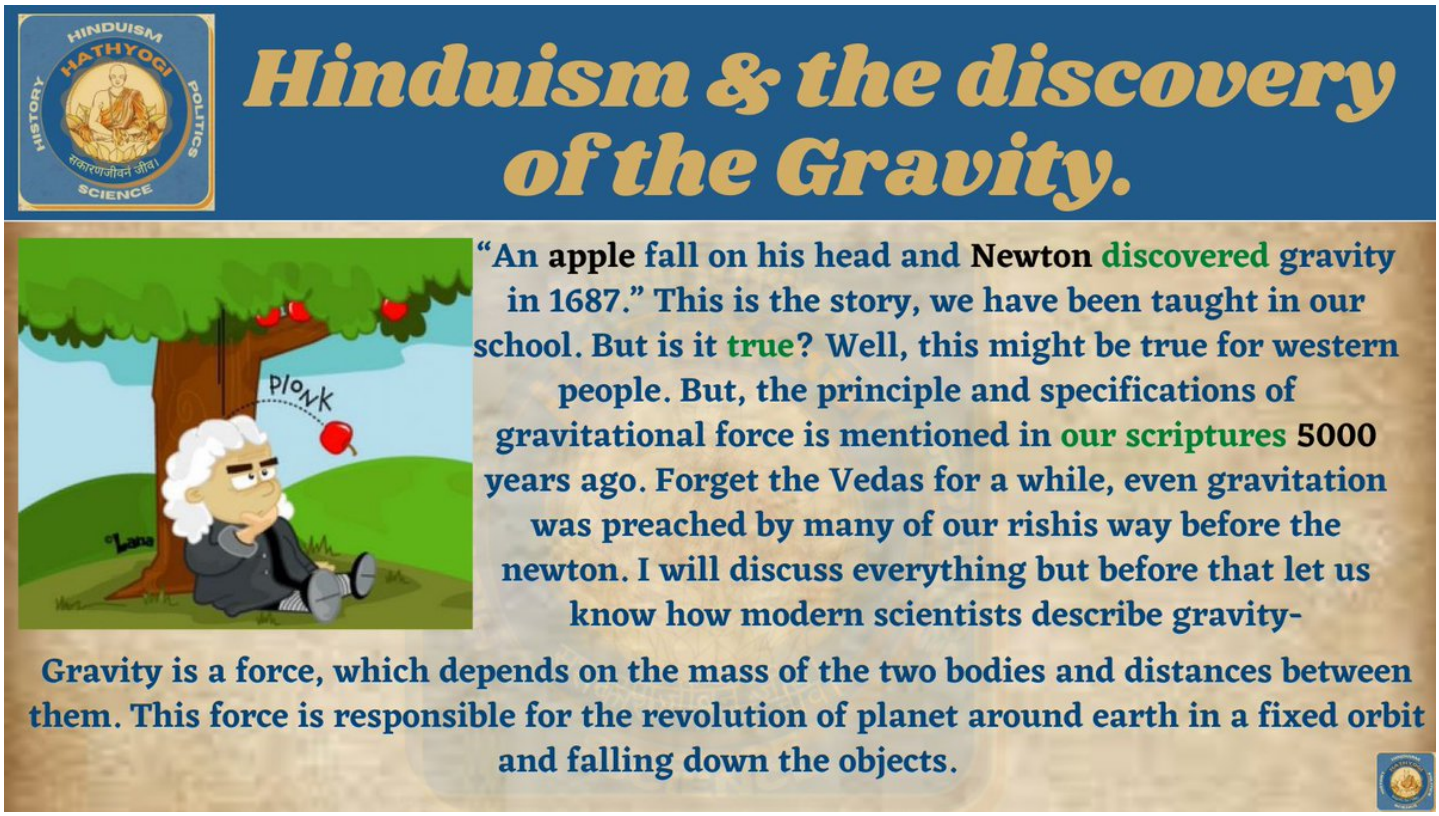
Twitter Thread by Hathyogi

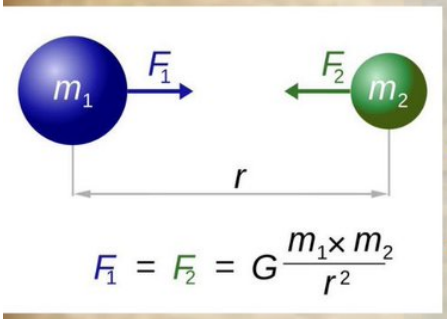
Hathyogi
@hathyogi31

#Thread on was Gravity discovered by Newton?



https://t.co/0XAKygbDnD

Hinduism & the discovery of the Gravity.



Now lets look how our ancient rishis preached gravitation.

The words gravity and gravitational pull are generally translated into Indian languages as "GURUTVA AKARSHANA SHAKTI". The word 'Gurutva' means 'mass' and 'Aakarshana' means 'attractive pull'. The very name indicates that the ancient Indians observed some relation between the mass of a body and the gravitational pull. The centre of the gravitational force is the centre of earth itself.

Hindu dharma is mainly represented by six philosophies Among the six school of philosophy, Vaishesika is one of them.

https://t.co/rqSVJM4EgX

Hinduism & the discovery of the Gravity.

Vaisheshika philosophy was founded by Maharsi Kanada. Vaishesika philosophy is concise by Vaishesika Sutra. Vaishesika Sutra are very old texts. Even the western indologists date it to be older than 500 BCE. And Vaisheshika Sutra clearly discuss about Gravity in the Sutras themselves.

However, Rishi kanada who lived in 6th century BCE, himself wrote few of the sloka of Vaishesika Sutra, regarding the gravitation, which we see today. Vaishesika Sutra discuss about role of Gravity in mainly two events:

- Why does an object held fall when you let go?

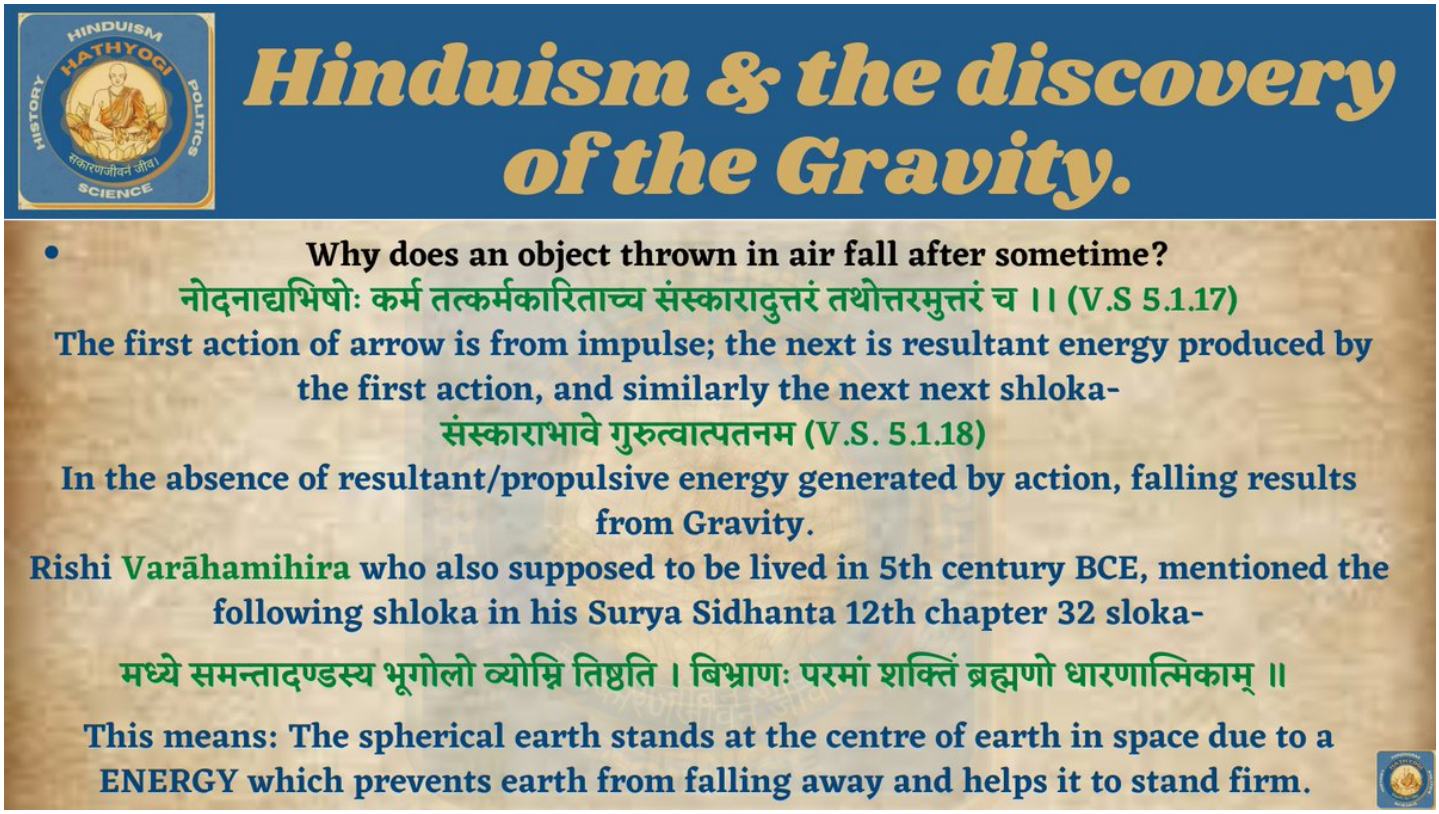
आत्मकर्म हस्तसंयोगाश्च । (V.S. 5.1.6)

Action of body and it's members is also from conjunction with the hand.

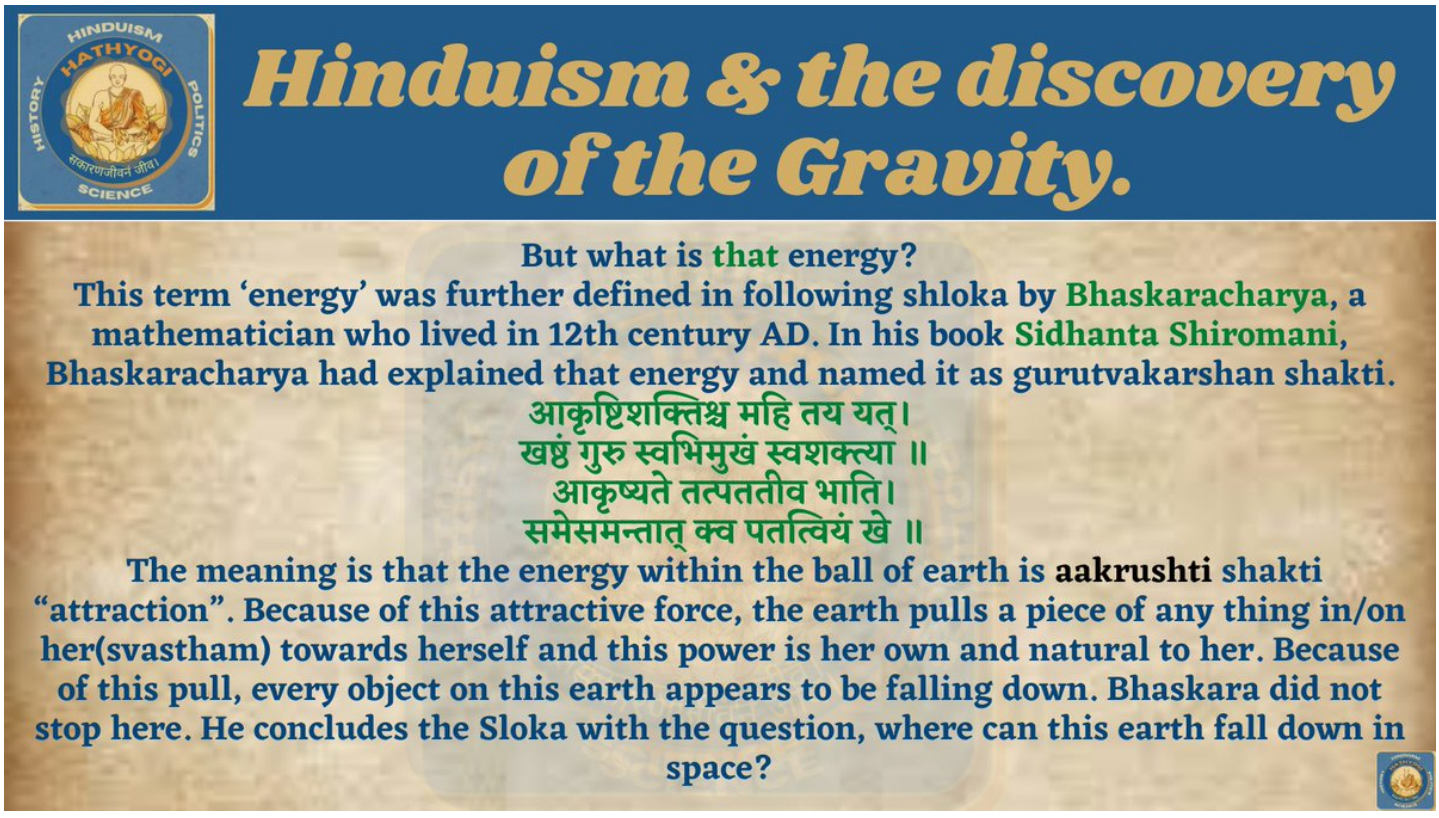
संयोगभावे गुरुत्वात्पतनम (V.S. 5.1.7)

In the absence of conjunction falling results from Gravity.

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https://t.co/ldmyptBRi6



https://t.co/jHEE7baiyq

Hinduism & the discovery of the Gravity.

Also, Aryabhatta said in his text gitikapada, shloka 7, "just as the smaller flowers of the Kadamba flower are tied to the center of the cluster, all the water living, the surface living and the sky living creatures are tied to the center of the earth."
By this poetic expression, Aryabhatta of the 5th century AD, indicates that the center of gravity of the earth is at her own centre. Apart from these several mantra in different veda states about the gravitational force.

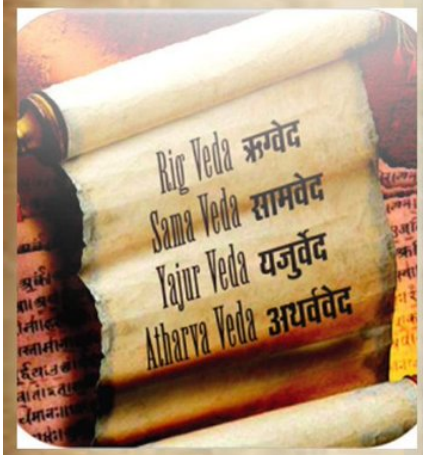
Rigveda 8.12.28-

यदा ते हर्यता हरी वावृधाते दिवेदिवे I
आदित् ते विश्वा भुवनानि येमिरे II

"All planets remain stable because as they come closer to sun due to attraction, their speed of coming closer increases proportionately."

https://t.co/dkCZq4xj5w

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Rigveda 8.12.30

यदा सूर्यममुं दिवि शुक्रं ज्योतिरधारय : I
आदित् ते विश्वा भुवनानि येमिरे II

O God! You have created this Sun which posses infinite power. You are uploading the Sun and the other spheres(planets) and you render them steadfast by your power of attraction.

Rigveda 1.35.9

हिरण्यपाणि : सविता विचर्षणिरुभे द्यावापृथिवी अन्तरीयते I
अपामीवां बाधते वेति सूर्यमभि कृष्णेन रजसा द्यामृणोति II

Sun orbit in its orbit, holding earth and other heavenly bodies in such a manner that they do not collide with each other by force of attraction.

https://t.co/8xnXc9mPow

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Atharvaveda 4.11.1

अनड्वान् दाधार पृथिवीमुत द्यामनड्वान् दाधारोर्वन्तरिक्षम् I
अनड्वान् दाधार प्रदिश : षडुर्वीर्नड्वान् विश्वंभुवनमाविवेश II

God(Sun) has held the Earth and other planets, the way a bull pulls a cart.

The Taittiriya branch of Krishna Yajurveda says -

मित्रोदाधार पृथिवीमुतद्याम ।
मित्रः कृष्टीः ।

This means, the sun is holding the earth in the space. The sun has the power of attraction (kristheeh) and shines without interruption. The word "Kristhee" in the above sentence is derived from the root "krish" which has no other meaning, but attraction. Saying that the sun is holding the earth in the space through his power of attraction, implies that the earth also is a body with a different type of force of attraction.

https://t.co/9XBYPiJdUb

Hinduism & the discovery of the Gravity.



Unfortunately the tender plant of Vedic knowledge, which was resprouting during the days of medieval periods, faced several more deadly blows during the subsequent periods of history. As a result of this, we are deprived of that meager treasure also.

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