

Re: how did galileo know...

Source: <http://sci.tech-archive.net/Archive/sci.physics.relativity/2005-08/msg02345.html>

- *From:* "John Zinni" <j_zinni.NOCRAP@xxxxxxxxxxxx>
 - *Date:* Sun, 28 Aug 2005 08:06:01 -0400
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"Androcles" <Androcles@ MyPlace.org> wrote in message
[news:epgOe.35041\\$jr4.367@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:epgOe.35041$jr4.367@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx)
>
> "John Zinni" <j_zinni.NOCRAP@xxxxxxxxxxxx> wrote in message
> [news:g9aOe.2395\\$Ld.566164@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:g9aOe.2395$Ld.566164@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx)
> | "francisco" <paco1955@xxxxxxxxxxxx> wrote in message
> | [news:jS9Oe.389\\$m56.96@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:jS9Oe.389$m56.96@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx)
> | > how did galileo know that the pendulum swings at the same frequency
> | > regardless of the amplitude?
> | >
> | > note: since pendulum were crucial to the building of the first
> | > clocks,
> | > galileo couldn't have used a clock to find the answer.
> |
> | He could compare two or more pendulums of equal length but different
> | amplitude.
> |
> | Good Grief! Why don't you guess the answer instead of finding out?
> |
> | In the 1600's everyone went to church, including Galileo Galilei.
> | This filled the churches.
> | The people stank, and incense was burned to mask the odour.
> |
> |
> | Etymology: Middle English encens, from Old French, from Late Latin
> | incensum, from Latin, neuter of incensus, past participle of incendere
> | to set on fire, from in- + -cendere to burn; akin to Latin candere to
> | glow -- more at CANDID
> | 1 : material used to produce a fragrant odor when burned
> | 2 : the perfume exhaled from some spices and gums when burned; broadly :
> | a pleasing scent
> |
> | To distribute the pong of burning incense, the incense pot was hung
> | from the church roof by a long rope or chain and swung back and forth.
> |
> | Galileo, intelligent, sitting in church and bored with the repetitive
> | proceedings, timed the swing of the pot by counting his own pulse.

I seriously doubt that Galileo conducted all of his pendulum experiments

while bored out of his skull sitting in church.

• *Follow-Ups:*

- ◆ *Re: how did galileo know...*
◇ *From: Androcles*

• *References:*

- ◆ *how did galileo know...*
◇ *From: francisco*
- ◆ *Re: how did galileo know...*
◇ *From: John Zinni*
- ◆ *Re: how did galileo know...*
◇ *From: Androcles*

- Prev by Date: *Re: how did galileo know...*
- Next by Date: *Re: twin clock problem – SR experts help!*
- Previous by thread: *Re: how did galileo know...*
- Next by thread: *Re: how did galileo know...*
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 - ◆ *Date*
 - ◆ *Thread*