

# Re: The Problem of the Missing Constant

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*Source:* <http://sci.tech-archive.net/Archive/sci.physics/2007-01/msg00027.html>

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- *From:* "Sorcerer" <[Headmaster@xxxxxxxxxxxxxxxxxxxxx](mailto:Headmaster@xxxxxxxxxxxxxxxxxxxxx)>
  - *Date:* Mon, 01 Jan 2007 13:02:36 GMT
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"Mitchell Jones" <[mjones@xxxxxxxxxxxxxxxxx](mailto:mjones@xxxxxxxxxxxxxxxxx)> wrote in message  
[news:mjones-1C4D81.04543901012007@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:mjones-1C4D81.04543901012007@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx)  
| In article <[7azjh.531\\$Rc.456@trnddc03](mailto:7azjh.531$Rc.456@trnddc03)>, "hanson" <[hanson@xxxxxxxxx](mailto:hanson@xxxxxxxxx)>  
| wrote:

|  
| > "Sorcerer" <[Headmaster@xxxxxxxxxxxxxxxxxxxxx](mailto:Headmaster@xxxxxxxxxxxxxxxxxxxxx)> wrote in message  
| > [news:wDqjh.163663\\$qd7.71974@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:wDqjh.163663$qd7.71974@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx)  
| > >  
| > "hanson" <[hanson@xxxxxxxxx](mailto:hanson@xxxxxxxxx)> w/i [news:hRpjh.1158\\$4e.842@xxxxxxxxxxxxx](mailto:news:hRpjh.1158$4e.842@xxxxxxxxxxxxx)  
| > <http://groups.google.com/group/sci.physics/msg/3af4e525b3c989d7>  
| > You remind me more and more of one of my favorite physicists,  
| > | Ernest Mach, who hollered at Einstein:  
| > | "That is NOT physics!... It is NOT radical enough!"  
| >  
| > [Andro]  
| > Yeah, but why does ice float?  
|  
| \*\*\*{It floats because it expands when it freezes. The mass of the frozen  
| water didn't change, but its volume increased, when it froze.

Yeah, we know all that kiddy stuff, but why does it expand when it  
freezes contrary to (say) gold or iron which contracts when it freezes?  
<http://images.heritagecoin.com/imagesnew/HNAI/75/414/414280001r.jpg>

Look at an icecube in the freezer, it can LIFT a mass (say a pea) against  
gravity by LOSING energy.  
Is this entropy reversal or what?  
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