

Re: A proof that the sphere has the minimum area that encloses a certain volume

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- *From:* "Tareq" <ask.about.islam@xxxxxxxxxx>
 - *Date:* 30 Mar 2007 12:05:26 -0700
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On Mar 30, 11:10 am, "Derek Holt" <m...@xxxxxxxxxxxxxxxxxx> wrote:

Tareq wrote:

Where can I find a proof that the shape having the minimum area enclosing a certain volume is a sphere?
Thanks

I have an old book called "100 Great Problems of Elementary Mathematics – their history and solution" by Heinrich D\"orrie, New York Dover Publications, Inc., which has this as Problem 100 (the last one in the book), and includes an "elementary proof".

Derek Holt.

Thanks Holt.

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