

# Re: Euclidean Geometry in Schools

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*Source:* <http://sci.tech-archive.net/Archive/sci.math/2005-06/msg04790.html>

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- *From:* Jeremy Boden <[jeremy@xxxxxxxxxxxxxxxxxxxxxx](mailto:jeremy@xxxxxxxxxxxxxxxxxxxxxx)>
  - *Date:* Mon, 27 Jun 2005 12:25:17 +0100
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In message <BEE5A9CE.7C39%jean-claude.arbaut@xxxxxxxxxxxx>, Jean-Claude Arbaut <[jean-claude.arbaut@xxxxxxxxxxxx](mailto:jean-claude.arbaut@xxxxxxxxxxxx)> writes

On 27/06/2005 12:34, Jeremy Boden wrote:

In message <BEE48D60.79E6%jean-claude.arbaut@xxxxxxxxxxxx>, Jean-Claude Arbaut <[jean-claude.arbaut@xxxxxxxxxxxx](mailto:jean-claude.arbaut@xxxxxxxxxxxx)> writes

...

"every majorized subset of  $\mathbb{R}$  has a sup".

...

What is a "majorized subset"?

A included-in  $\mathbb{R}$  s.t. there exists  $M$  in  $\mathbb{R}$  s.t.  
for all  $x$  in  $A$ ,  $x < M$ .

Maybe the word "majorized" is not correct.  
"has an upper bound" would be better ?

Definitely; just learning the meaning of sup and inf (which are Latin abbreviations) stresses the brains of the poor students to breaking point.

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Jeremy Boden

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