

Re: Integer tetrahedron

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Dr Tim wrote:

> Conjecture: Every tetrahedron with integer edges
> and integer volume has a volume divisible by 24.

I found an integer-sided tetrahedron with volume 6
and conjectured that this is the one with the smallest volume.
See Mathematics Magazine Problem 1261, volume 61 (1988) page 119.

In 4-space, a simplex with integer edges can have
volume 1. I give an example in my solution
to problem E3279 in the American Mathematical Monthly,
volume 97 (1990) page 75.

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• *References:*

- ◆ ***Integer tetrahedron***
 ◇ *From:* Dr Tim
- ◆ ***Re: Integer tetrahedron***
 ◇ *From:* noosfractal
- ◆ ***Re: Integer tetrahedron***
 ◇ *From:* Dr Tim

- Prev by Date: ***Re: Primitive Elements***
- Next by Date: ***Re: "The art of computer programming" by Knuth***
- Previous by thread: ***Re: Integer tetrahedron***
- Next by thread: ***Re: Integer tetrahedron***
- Index(es):
 - ◆ ***Date***
 - ◆ ***Thread***