equilateral tringles

Source: http://sci.tech−archive.net/Archive/sci.math/2005−12/msg00092.html

- *From*: eugene <jane1806@xxxxxxx>
- *Date*: Wed, 30 Nov 2005 14:12:35 EST

Let ABC be an equilateral triangle. Points A_1,B_1,C_1 are chosen inside the triangle in such a way that A_1 \in CC_1, B_1 \in AA_1, C_1 \in BB_1 and AB_1=B_1A_1, BC_1=C_1B_1, CA_1=C_1A_1. Prove that the triangle A_1B_1C_1 is also equilateral.

I'd be very grateful if someone could help me.
.

- ***Follow−Ups***:
  - ***Re: equilateral tringles***
    - *From:* Thomas Mautsch
  - ***Re: equilateral tringles***
    - *From:* Narasimham
  - ***Re: equilateral tringles***
    - *From:* Philippe 92
  - ***Re: equilateral tringles***
    - *From:* Dave Rusin

- Prev by Date: ***Re: Well Ordering the Reals***
- Next by Date: ***Re: How to negate defintion to prove that a function is not uniformly continuous?***
- Previous by thread: ***Re: Cantor's Diagonal***
- Next by thread: ***Re: equilateral tringles***
- Index(es):
  - ***Date***
  - ***Thread***