

Re: ordered pairs/n-tuples as collections of sets

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- *From:* William Elliot <marsh@xxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Sun, 3 Jul 2005 08:49:27 -0700
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On Sun, 3 Jul 2005, Elotemygrande wrote:

- > Suppose you define a 2-tuple this way, which I just found in a book.
- > $T=(a,b)=\{ \{a\}, \{a,b\} \}$
- >
- > Is there a way to express T_1 and T_2 , the first and second elements of
- > the tuple in terms of standard operations on sets like intersection and
- > union

$\bigwedge(a,b)$
 $\bigvee(\bigvee(a,b) - \bigwedge(a,b))$ if nonnul
 $\bigvee\bigwedge(a,b)$ otherwise

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- ***References:***

- ◆ ***ordered pairs/n-tuples as collections of sets***
◇ *From:* Elotemygrande

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