Re: question regarding diofantine equations

Source: http://sci.tech−archive.net/Archive/sci.math/2007−04/msg01541.html

- *From*: rob@xxxxxxxxxxxxx (Rob Johnson)

- *Date*: Thu, 12 Apr 2007 01:20:43 GMT

In article <gerry−108D75.10155612042007@xxxxxxxxxxxxxxxxxx>,
Gerry Myerson <gerry@xxxxxxxxxxxxxxxxxxxxxxxxxx> wrote:

> In article <uchq13ddei1hcgaf87o1fh37folref8s06@xxxxxxx>,
> quasi <quasi@xxxxxxxx> wrote:
>
> > On Wed, 11 Apr 2007 19:09:27 GMT, rob@xxxxxxxxxxxxx (Rob Johnson)
> > wrote:
> >
> > > However, I am curious why you claim that pi x + y = e has
> > no solution
> > > in natural x and y, but that it is unknown whether pi x − y = e
> > has a
> > > solution. It would seem that one has a solution if and only if
> > the
> > > other does.
> >
> > Natural number means positive integer, hence x >= 1.
>
> OP, whom you snipped, allowed 0 as a natural number. Of course
> even with that definition it's clear pi x + y = e has no solution in
> natural x and y.
>
> And, for the record, I prefer your convention to that of OP.

When I was in school, the whole numbers included 0 and the natural
numbers did not, so I am used to that definition, too.

Rob Johnson <rob@xxxxxxxxxxxxx>
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