

Re: my work on numbers

Source: <http://sci.tech-archive.net/Archive/sci.math/2004-06/0188.html>

From: Phil Carmody (*thefatphil_demunged_at_yahoo.co.uk*)

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"The Last Danish Pastry" <TheLastDanishPastry@yahoo.com> writes:

> *"abhishek bansal"* <akbl83@yahoo.co.in> wrote in message
> *news:200406011851.i51Ip5M07106@proapp.mathforum.org...*
>
> > *Dear Mam/Sir*
> >
> > *PLz. Read my e-mail .Thanks.I would be grateful to you for wasting time on*
> *me.*
> >
> > *I am Abhishek Bansal (Dob: 6 Feb,1983).*
> >
> > *Here I am submitting my work on numbers as jpeg images which I have got*
> *scanned:*
> > <http://mathforum.org/web.comments/abhishek.html>
> >
> > *Although my work could be very simple,making me a matter of laugh. But*
> *that doesn't matter to me,as I am Contented. This would be my last*
> *contribution. As I had been a victim of unfortunates and many many other*
> *things.*
> >
> > *If you consider me as a talent and think it can be benficial to you Or*
> *getting wasted I can offer myself and can come to america or australia .But*
> *I need 100% scholarship for that , if you consider me for that.*
> >
> > *Else if you know someone in delhi.*
> >
> > *Please Note here I nowhere is saying iam brilliant. What I said I am a*
> *thinker, had made sincere attempt.*
> >
> > *Please comment on my work .I would check my e-mail on june,2 (ISTmorning*
> *,from cyber cafe) after that any of your reply will probably of less use or*
> *no use.*
>
> *With reference to (6):*
>
> $4^{(4^3)+1} = 59649589127497217*5704689200685129054721$

sci.math: Re: my work on numbers

The OP can search for "Generalised Fermat Numbers" (or 'generalized') for more information.

Number 3 is also false, as it's possible to construct "covering sets" of prime factors such that for every a , $N+/-2^a$ has a small factor. This is intimately related to "Reisel Numbers" and "Sierpinski Numbers".

e.g.:

if $N+2^1$ is divisible by 3, then $N+2^3, N+2^5, N+2^7, \dots, N+2^{(2x+1)}$ are all divisible by 3.

Similarly, if $N+2^2$ is divisible by 5, then $N+2^6, N+2^{10} \dots N+2^{(4x+2)}$ are all divisible by 5.

It's possible to place several other small factors, which are factors of 2^x-1 for small x , such as 3, 5, 241, so that every power of 2 is covered.

Google for the terms in quotes, and googlegroups (on sci.math) for ``3 5 241'', for more info. (For the latter, you can't go wrong with the Kurt Foster and Douglas Zare posts.)

Phil

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1st bug in MS win2k source code found after 20 minutes: scanline.cpp
2nd and 3rd bug found after 10 more minutes: gethost.c
Both non-exploitable. (The 2nd/3rd ones might be, depending on the CRTL)