

Re: Confirmation of Shannon's Mistake about Perfect Secrecy of One-time-pad

Source: <http://sci.tech-archive.net/Archive/sci.math/2007-11/msg01740.html>

- *From:* William Hughes <wpihughes@xxxxxxxxxxx>
 - *Date:* Thu, 08 Nov 2007 05:55:06 -0800
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On Nov 8, 3:01 am, wangyong <hell...@xxxxxxxx> wrote:

On 11 8 , 9 44 , William Hughes <wpihug...@xxxxxxxxxxx> wrote:

On Nov 7, 8:31 pm, wangyong <hell...@xxxxxxxx> wrote:

On 11 7 , 11 45 , William Hughes
<wpihug...@xxxxxxxxxxx> wrote:

On Nov 7, 10:15 am, wangyong
<hell...@xxxxxxxx> wrote:

On 11 7 , 8 53 , William
Hughes
<wpihug...@xxxxxxxxxxx>
wrote:

On Nov 7,
7:38 am,
wangyong
<hell...@xxxxxxxx>
wrote:

i
consider

C
fixed,
k
uniform,
regardless
P
prior

This
assumption
is only
correct if
P is
uniform.

So any
conclusion
you draw
from this
assumption
will be
correct only
if
P is
uniform.

If P is not
uniform, the
conclusion
that
P is uniform
is incorrect.

So there is
no
contradiction
between
the
incorrect
conclusion
that P
is uniform
and the fact

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that P
is not
uniform.

– William
Hughes

i consider C fixed, k
uniform, regardless P prior
This assumption is only
correct if
P is uniform.
====it is This assumption
to get the result that
P is uniform.

An assumption that "get[s] the result" that
P is uniform is only correct if P is uniform.
If P is not uniform the assumption is
incorrect.

So any
conclusion
you draw
from this
assumption
will be
correct only
if
P is
uniform.

==i just get P is uniform

And this is only correct if P is uniform.

If P is not
uniform, the
conclusion

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that
P is uniform
is incorrect.
So there is
no
contradiction
between
the
incorrect
conclusion
that P
is uniform
and the fact
that P
is not
uniform.

=====they are
obvious contradiction.

No

An **incorrect** conclusion that P is uniform
does not contradict the fact the P is not
uniform.

– William Hughes

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<snip evasion>

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My comment was that

there is no contradiction between
the incorrect conclusion that P
is uniform and the fact that P
is not uniform.

Your reply was

they are obvious contradiction

Do you continue to maintain this position?

– William Hughes– –

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<snip getting closer>

You have still not answered the question.
Let's try step by step. Consider a
proposition A which is always true.
Is there a contradiction between

An incorrect conclusion that A is false

and

The fact that A is true.

– William Hughes

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