

Re: A quiet query from a visitor

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- *From:* galathaea <galathaea@xxxxxxxxxx>
 - *Date:* Tue, 21 Aug 2007 01:20:50 -0700
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On Aug 20, 11:42 pm, "S.W.Christensen" <s...@xxxxxxxxxxxxxxxxxx> wrote:

I have recently been peeking into sci.math and have been wondering how its occupants stand on the foundations of mathematics. My field being machine learning (with a background in physics), it's unsurprising that I'm an intuitionist, but is that commonplace around here, or is indeed any of the schools particularly prevalent? Does anyone care?

you will find many types here

i tend to be a constructivist with finitist leanings

i come from a background in domain theory
and topos-theoretic foundations of computer science

it is clear to me that information is only exchanged
in finite packages (strings or other finite structures)
so meaning can only come from the finitely definable

however
i have strong issues with the kantian position
that mathematics is a priori synthetic
and object to much of the foundations of intuitionism

instead
i have operationalist leanings
(inherited from the denotational semantics of domain theory)
and tend to agree much more with the russian school

here are some references for this type of approach
<http://groups.google.com/group/sci.edu/msg/7e669ae253c61824?hl=en>

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[galathaea: prankster, fablist, magician, liar](#)

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