

Re: Is "infinite processes" allowed in algorithm for construction?

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From: Michael N. Christoff (*mchristoff_at_sympatico.ca*REMOVETHIS)

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""H. Shinya"" <erdosfan@yahoo.com> wrote in message
news:200407151637.i6FGbIR14486@proapp.mathforum.org...
> *Is it allowed that in algorithm for constructing something (any
geometrical objects, for example) one includes "do ---- indefinitely"?*
>
> *H. Shinya*
>

By definition, a formal algorithm must complete in a finite amount of time (steps). However, many common computer applications are not technically algorithms because they often a) are long lived processes (ie: may 'run indefinitely' like http server daemons), b) they interact with the external environment after they have started (ie: word processor).

l8r, Mike N. Christoff