

Re: Jan Burse gives support that godels use of impredicative s

Source: <http://sci.tech-archive.net/Archive/sci.logic/2008-01/msg00929.html>

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 - *Date:* Sun, 27 Jan 2008 14:01:35 -0600
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It seems that the vicious circle principle [: :] applies only if the entities involved are constructed by ourselves. In this case there must clearly exist a definition (namely the description of the construction) which does not refer to a totality to which the object defined belongs,

this just repeats what russell said

'Whatever involves all of a collection must not be one of the collection.'

Put otherwise, if to define a collection of objects one must use the total collection itself, then the definition is meaningless. This explanation given by Russell in 1905 was accepted by Poincare' in 1906, who coined the term impredicative definition, (Kline's "Mathematics: The Loss of Certainty"

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