

## Re: Factoring paper is wrong

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**From:** Chairman of the Ozzy Osbourne Appreciation Society (*mathgeek42\_at\_hotmail.com*)

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[added sci.logic]

Sebastian Gottschalk wrote:

> *Mok-Kong Shen schrieb:*

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>

>> *Well, the incompleteness theorem itself seems to be indeed*

>> *universally true and would in this sense be 'absolute', in fact.*

>

>

> *What about formal independency? Everything which has been shown to be*

> *formally independent is obviously true to me, as the selection problem, the*

> *continuum hypothesis and the P-NP-problem is, where there's no evidence on*

> *counterexamples.*

AFAIK the P=NP problem hasn't been determined to be independent of ZFC?

> *This is also very interesting because the continuum hypothesis partially*

> *depends on predicative logic, at least the decision problem.*

> *(Proof is simple. If  $f$  is a function where  $s^f = w$  if  $s \in R$ ,  $f$*

> *otherwise, then  $f$  is an interpretation. Now reduce it to the Herbrand*

> *interpretation  $f'$ , which has the same characteristics. As a herbrand*

> *interpretation  $f'$  is countable, but  $R$  is not, so such an  $f$  cannot exist.)*