

Re: simple extension.....;

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"mina_world" <mina_world@hanmail.net> wrote in message
news:ciphmr\$ovv\$1@news.hananet.net...

> *hello...doctor~*

>

> *this is a problem of Fraleigh book.*

>

> *A field E is a simple extension of a subfield F*

>

> *\Leftrightarrow there exists some α in E such that*

> *no proper subfield of E contains α .*

>

> -----

> *um....i think.....*

>

> *\Leftarrow it's true*

>

> *but, \Rightarrow it's false.*

> *because,*

> *$R(i)$ is simple extension of R , but i in $Q(i)$ in $R(i)$*

>

> *my think is right ??*

>

> *thank you very much for your advice.*

>

um....is this problem inaccurate ?

i prepare more exact problem.

Correct the definition of the italicized term
without reference to the text.

if correction is needed, so that it is in a form
acceptable for publication.

A field E is a simple extension of a subfield F
if and only if there exists some α in E such that
no proper subfield of E contains α .

sci.math: Re: simple extension.....;

(italicized term = simple extension)

this is the exact problem.

thank you very much for your advice.