

# Re: a definition : tomic polynomial

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- *From:* quasi <[quasi@xxxxxxxx](mailto:quasi@xxxxxxxx)>
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On Thu, 23 Aug 2007 17:14:46 EDT, tommy1729 <[tommy1729@xxxxxxxx](mailto:tommy1729@xxxxxxxx)> wrote:

just wanted to explain my definition "tomic polynomial"

it might already have a name ; i am unaware of that ...

the reason i post this is because i like algebra and perhaps someone can learn me something nice about these "tomic polynomials". Or someone can give me the real name of them , so that i can look for info on them on the internet e.g.

( ternary polynomial maybe ? )

its also plausible that this concept might arise in the future in one of my threads , so ill clarify in advance.

i hope it is clearly stated by me...

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tomic polynomial:

all coefficients are  $E[-1,0,1]$

none of its zero's is a root of unity /  $[-1,1]$

zero is not a root of the polynomial

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Conjecture:

Every reducible tomic polynomial has at least one nonconstant irreducible tomic factor.

quasi

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