

Re: Function naming

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Darius Blaszyk wrote:

>Thank you all for the help. I'm surprised however that I can call this
>function group as I described polynomials. I have "some" knowledge of math,
>but I was always under the impression that a polynome was defined as a one
>variable function, and that these were merely a special case of the
>multivariable case. "Probably has to do with my understanding ;-)"
>
>
>
>>>I'm doing some study on a perticular type of functions (in my spare time
>>>just for fun). The problem is however that I don't know how these
>>>
>>>
>functions
>
>
>>>are called in English. Could someone provide me with the correct english
>>>term and point me perhaps to some more info on this topic.
>>>The functions are of the form;
>>>
>>> $y = c_0 + c_1x_1 + c_2x_2 + c_3x_1x_2 + c_4x_1^2 + c_5x_2^2$
>>>
>>>This function has two input variables and has an order of two. The
>>>
>>>
>number of
>
>
>>>variables and order can vary accordingly ofcourse. Is there a general
>>>
>>>
>term
>
>
>>>for this kind of functions?
>>>
>>>

sci.math: Re: Function naming

To be more specific, I would call it a bivariate quadratic function.

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