

Re: series with coefficients given in the direct order, with binomials of odd order only

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- *From:* Robert Israel <israel@xx>
 - *Date:* Mon, 20 Aug 2007 14:39:35 -0500
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Galina <Galina.Pilgun@xxxxxxxxxx> writes:

Hi all,
does anybody know how to create a polynomial series in the following form: $a[1]*x+a[2]*y+a[3]*x^3+a[4]*x^2*y+a[5]*x*y^2+a[6]*y^3+a[7]*x^5+...$ I need a series with coefficients given in the direct order, and odd order of binomials only...

You mean like this (in Maple)?

```
sort(add(add(a[n^2+n+i+1]*x^(2*n+1-i)*y^i,i=0..2*n+1),n=0..N),  
[seq(a[i],i=1..(N+1)*(N+2))]);
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