

Re: double integral problem

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- *From:* "Julian V. Noble" <jvn@xxxxxxxxxxxxxx>
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Helmut Jarausch wrote:

xieshufu@xxxxxxxxxx wrote:

Hi everyone,

I have trouble in solving a double integral. Could anyone help me?

$\iint_D (\sqrt{x^2+y^2}) \, dx \, dy$
the integral area D is : $(x-d)^2+y^2=r^2$

I can't get the simplest expression
of the double integral. Can anyone give me a hand?

OK that's probably a homework.
Just one hint, what about polar coordinates?

Here's another hint: where is the origin?

—
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