

# Re: atomic orbitals program

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- *From:* Uncle Al <[UncleAl0@xxxxxxxxxxxxxx](mailto:UncleAl0@xxxxxxxxxxxxxx)>
  - *Date:* Fri, 19 Oct 2007 15:40:12 -0700
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Martin wrote:

Greetings folks. I'm developing a program that draws 3D atomic orbitals. However, I don't have a strong background in this area,

Look up "contradiction" as a concept.

and  
so I need an adviser. This would be fee-based consulting. Anyone interested please contact me at [mgcqso@xxxxxxxxxxxxxx](mailto:mgcqso@xxxxxxxxxxxxxx)

You need somebody deep into quantum mechanics – certainly for heavier atoms with spin-orbit coupling. Slater determinants are hardly starters. Monoatomic ground state vacuum only? What probability contour are you aiming for?

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Uncle Al  
<http://www.mazepath.com/uncleal/>  
(Toxic URL! Unsafe for children and most mammals)  
<http://www.mazepath.com/uncleal/lajos.htm#a2>