

Energy per particle  
 $\frac{\langle E \rangle}{N}$

4.0  
3.5  
3.0  
2.5  
2.0  
1.5

0.2

0.4

0.6

0.8

1.0

$\alpha$

Variational parameter

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VMC  $\langle E \rangle$

- - -

Ground state energy w/o interactions

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$1.96\sigma_{\langle E \rangle}$  range

