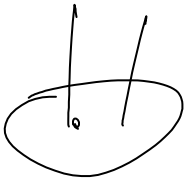


March-04-09  
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Goal Find the minimum area disk in  $\mathbb{R}^3$ ,  
with a given boundary.

problem:  shows sol'n is non-unique.  
 $\Rightarrow$  switch to "minimize  
Dirichlet energy"

Problem: The Dirichlet energy is conformally  
invariant - membranes can be stretched  
to degenerate placements.

$\Rightarrow$  Fix 3 points on the wire.