Problems: Simply Connected Regions

- 1. Is the paraboloid described by $z=x^2+y^2$ a simply connected surface? Why or why not?
- 2. Is the Möbius strip described in lecture a simply connected surface? Why or why not?

MIT OpenCourseWare http://ocw.mit.edu

18.02SC Multivariable Calculus Fall 2010

For information about citing these materials or our Terms of Use, visit: http://ocw.mit.edu/terms.