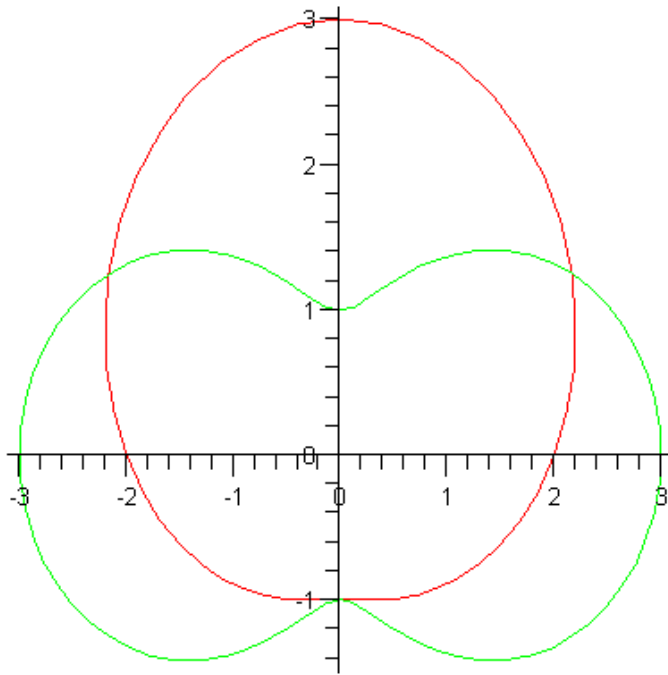


Homework #10  
Due Tuesday, April 13  
No late papers accepted! No excuses!

1. Find the area of the region that lies inside the curve  $r = 2 + \cos(2\theta)$  but outside the curve  $r = 2 + \sin\theta$ .



2. Find the area enclosed by the inner loop of the curve  $r = 1 - 3 \sin \theta$ .

