## Exercise2.19

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## December 23, 2014

 $\textbf{Exercise.}\ \textit{Find parameterization for the curves described by the following:}$ 

- The graph of the polar equation  $r = \cos \theta$ .
- The graph of  $y = \sin x$ .
- The set of points such that  $x = \sin y$ .
- $(\cos^2 \theta, \cos \theta \sin \theta)$ .
- $(x, \sin x)$ .
- $(\sin y, y)$ .

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