1 For Nov 17, 2009

A hardcopy plot drawn by scilab and a hardcopy of the file xx.sce that drew the plot on separate pages stapled together. (No electronic copies accepted.) The variables w and z are related by $w = \cos(n \arccos(z))$ and $z = \cos(\arccos(w)/n)$. Write a xx.sce file of commands that would graph w vs z over the domain $(-1, 1)$ for $n = 1, 2, 3$ and 4 on the same graph.