DEBORAH OLIVEROS, Universidad Nacional Autónoma de México, Circuito Exterior CU., México DF, México Polygons enclosing point sets

We will discuss some problems of the following type: Let $R$ a set of red points and $B$ be a set of black points in the plane all in general position. Find a simple polygon $P$ with vertex set $R$ such that the interior of $P$ contains as many points of $B$ as possible.

