Exercise 6

Super Learning and the Oracle Inequality

1. Consider a candidate estimate ψ and the true between ψ and $\psi_0,d_0=(\psi,\psi_0).$	parameter value $\psi_0.$ Explain the loss-based dissimilarity
Estimators are denoted with which ma	ps into
If we assume the observations are, the	
3. Define the cross-validated selector and the o	
o. Define the cross validated selector and the c	adic scienti.
	oss-based dissimilarity or a non-quadratic loss-based or it to hold. <i>Hint</i> : These are the conditions required for
5. The cross-validation selector is asymptotically words?	y equivalent to the oracle selector. What does this mean ir