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solution vector  $x$  is quite sensitive; it is sometimes close to  $[0,1]$  and sometimes close to  $[1,0]$ ! The solution to a (nondegenerate) linear programming problem must occur at a vertex of the feasible set. In our unperturbed problem there are three vertices:  $[0,1]$ ,  $[1,0]$ , and  $[0,0]$ . Since the gradient of  $cTx$  is almost parallel to the

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