(m5/ Liven a non-empty set M, ifd(:,-)is a distance function on M then (i)  $d: m \times m \rightarrow [0,\infty]$ (ii) d(x, y) = 0 iff x = ymiii) d(x,y) = d(y,x)Is this sufficient? denotes the distance along the shortest path from x to y. Then