[mybox/.style=minimum width=1*1cm,minimum height=1*1cm,fill=red,draw=black, myarrow/.style=-i,i=stealth [mybox=2] (a) rectangle ++(2,-2); [mybox=2] (c) rectangle ++(2,-2); [mybox=2] (f) rectangle ++(2,-2); [yellow] (s) [ultra thick.orange] (-4,-.75) ellipse[x radius=.3, y radius=.2]; [orange,purple.ultra thick.rotate=45] (-4,-.75) - (-4,.2) [myarrow] (a — -1,-1) - +(0,-8) node[midway,left,scale=9] z; [myarrow] (c — -.7,-1) - +(0,-8) node[midway,left,scale=9] z; [purple,purple,ultra thick] (-4,-9)-(-3.5,-9)-(-3.5,-5)-(-4,-5); [orange,purple,ultra thick,rotate=45] (-4,-5)-(-4,-15)[dashed] (f - 0.0) - ++(left:2); [dashed] (c - 0.0) - ++(left:2); foreach in -8,-6 (,-1) node[circle,fill,vellow,scale=0.2]: