

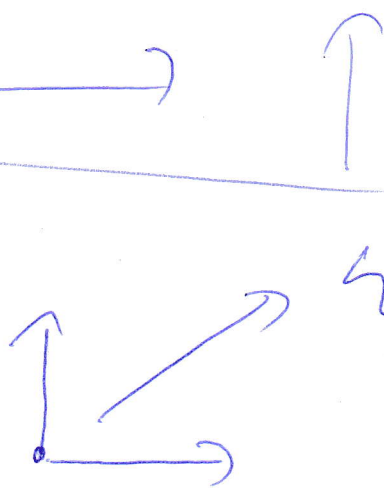
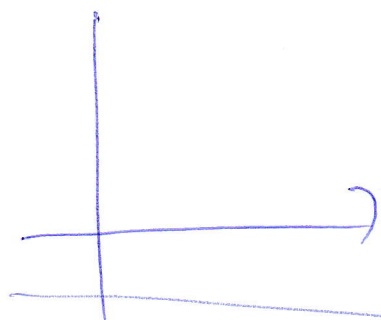
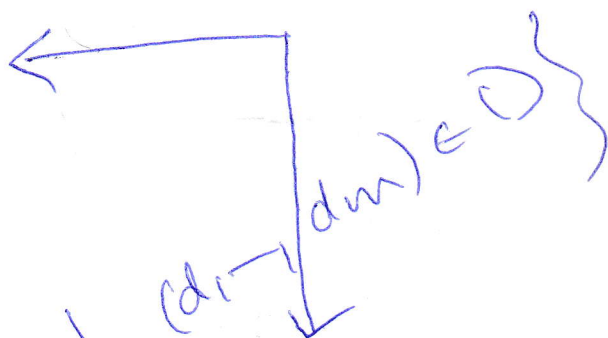
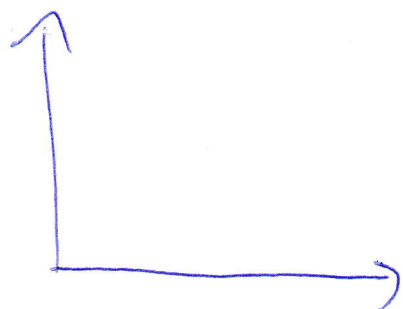
$$\Leftrightarrow \{P_i \mid P_i = 1 - F(d_i)\} = D_i'$$

note in  $P_i$   $D_i$  is  
dense in  $P$ .

so  $D = \bigcap D_i'$

ie  $P_i = P \setminus 1 - F(\cancel{d_i})$

$P(P \in \bigcap D_i' \mid X_i = x)$  is increasing in  $x$   
so is dense in  $P$



~~$x \in D$~~

$$D \mapsto 1 - F(D)$$

$$x \in D \Leftrightarrow P \in 1 - F(D)$$