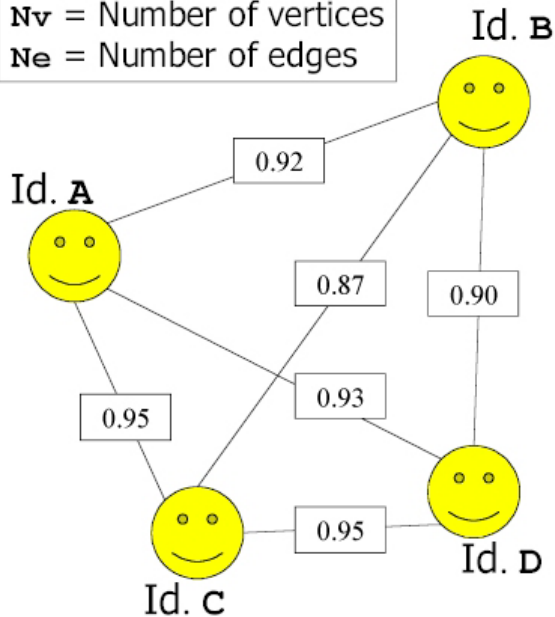


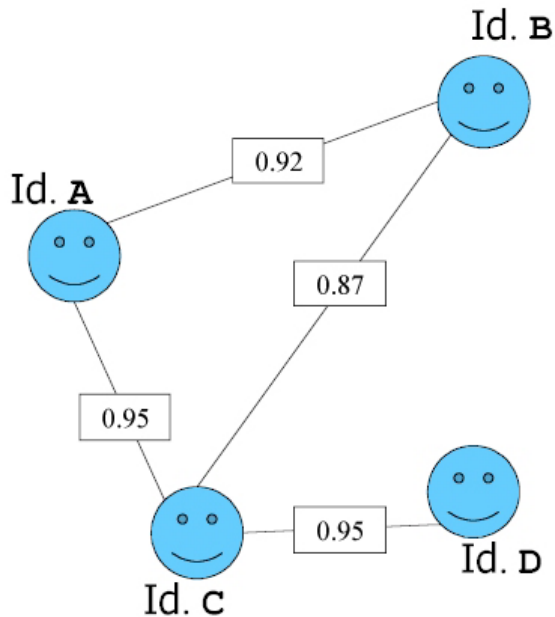
N_v = Number of vertices
 N_e = Number of edges



Complete graph :

$N_v = 4$; $N_e = 6$

$N_e = N_v(N_v-1) / 2$



Uncomplete graph :

$N_v = 4$; $N_e = 4$

$N_e \neq N_v(N_v-1) / 2$