

Base de Datos I

Práctica Ingeniería Inversa (MR → DER)

Ejercicio 1

A (a1, a2, a3) FK=(a1 \rightarrow E.e1) , (a3 \rightarrow E.e1)

B (b1, **b2**, b3) FK=(b1 \rightarrow G.g1)

C (**c1**, c2, c3) FK=(c3 \rightarrow C.c1)

D (d1, d2, d3, **d4**) FK=(d1 \rightarrow E.e1), (d2 \rightarrow C.c1), (d3 \rightarrow G.g1)

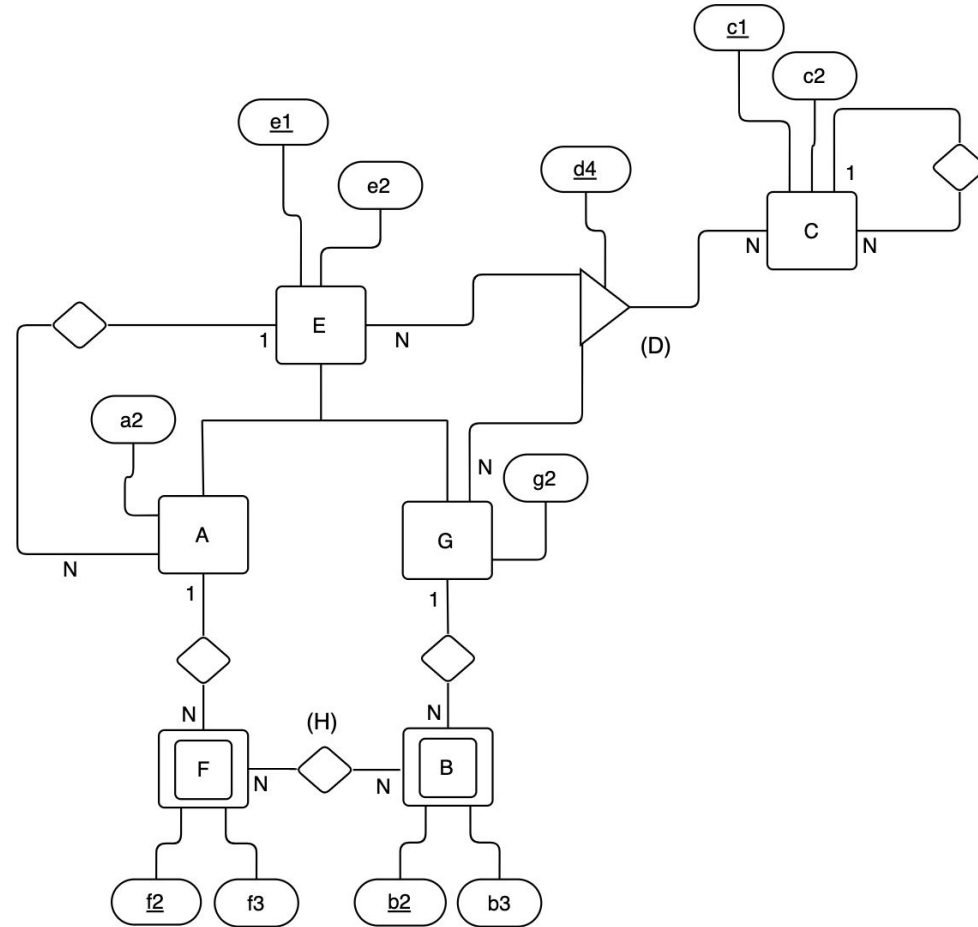
E (**e1**, e2)

F (f1, **f2**, f3) FK=(f1 \rightarrow A.a1)

G (g1, g2) FK=(g1 \rightarrow E.e1)

H (h1, h2, h3, h4) FK=(h1 + h2 \rightarrow F.f1 + F.f2), (h3 + h4 \rightarrow B.b1 + B.b2)

Ejercicio 1



Ejercicio 2

$R_1(\mathbf{A1}, A2)$

$R_2(\mathbf{A1}, B1, B2)$

$FK=(A1 \rightarrow R1.A1)$

$R_3(\mathbf{C1}, C2, \mathbf{A1})$

$FK=(A1 \rightarrow R1.A1)$

$R_4(\mathbf{D1}, D2)$

$R_5(\mathbf{L1}, L2, L3)$

$R_6(\mathbf{C1}, \mathbf{K1}, \mathbf{L1})$

$FK=(C1 \rightarrow R3.C1), (K1 \rightarrow R11.K1), (L1 \rightarrow R5.L1)$

$R_7(\mathbf{A1}, E2, E3)$

$FK=(A1 \rightarrow R1.A1)$

$R_8(\mathbf{A1}, F1, F2)$

$FK=(A1 \rightarrow R1.A1)$

$R_9(\mathbf{D1}, \mathbf{C1})$

$FK=(C1 \rightarrow R3.C1), (D1 \rightarrow R4.D1)$

$R_{10}(\mathbf{A11}, \mathbf{A12})$

$FK=(A11 \rightarrow R1.A1), (A12 \rightarrow R1.A1)$

$R_{11}(\mathbf{K1}, K2, K3)$

Ejercicio 2

