F(f1,f2,f3)

A(a1,a2,a3)

B(a1, b1)

a1: FK(A)

C(a1, e1, e2, rce1)

a1:FK(A)

e1, e2: FK(E) NOT NULL

E(e1, e2)

G(g1)

rAFG(f1, f2, a1, g1, h1)

h1: FK(H) NOT NULL

f1,f2: FK(F)

a1: FK(A)

g1: FK(G)

H(h1, h2)

D(f1, f2, a1, g1, h1, d1)

f1, f2, a1, g1, h1: FK(rHrAFG)

Restrictions:

RI-1: each key in A must occur in either B or C but not both