

# Esempio per l'ottimizzazione algebrica

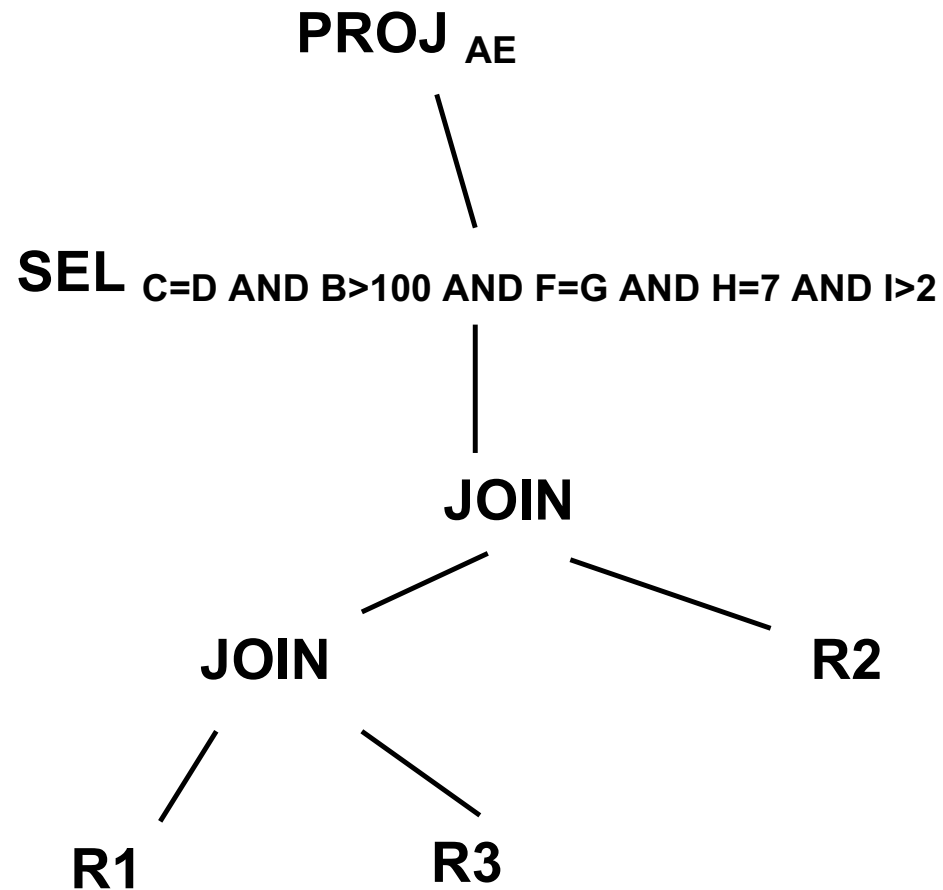
R1(ABC), R2(DEF), R3(GHI)

```
SELECT  A , E  
FROM    R1, R3, R2  
WHERE   C=D AND B>100 AND F=G AND H=7 AND I>2
```

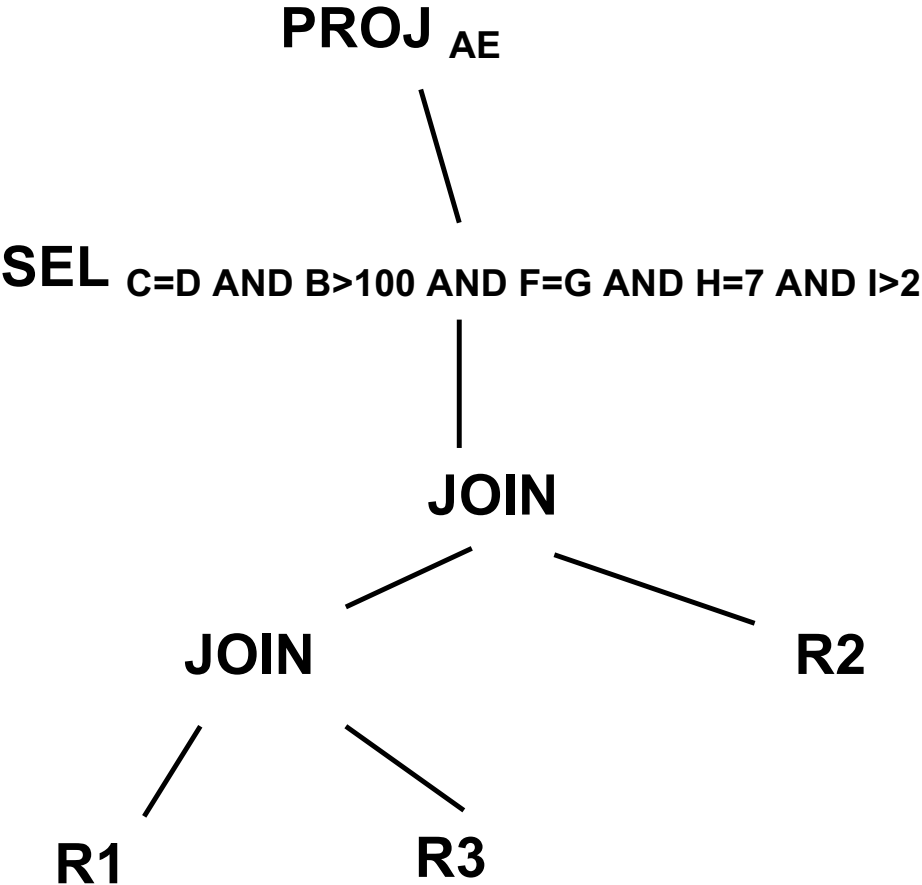
```
PROJ AE (SEL C=D AND B>100 AND F=G AND H=7 AND I>2 (  
      (R1 JOIN R3) JOIN R2))
```

R1(ABC), R2(DEF), R3(GHI)

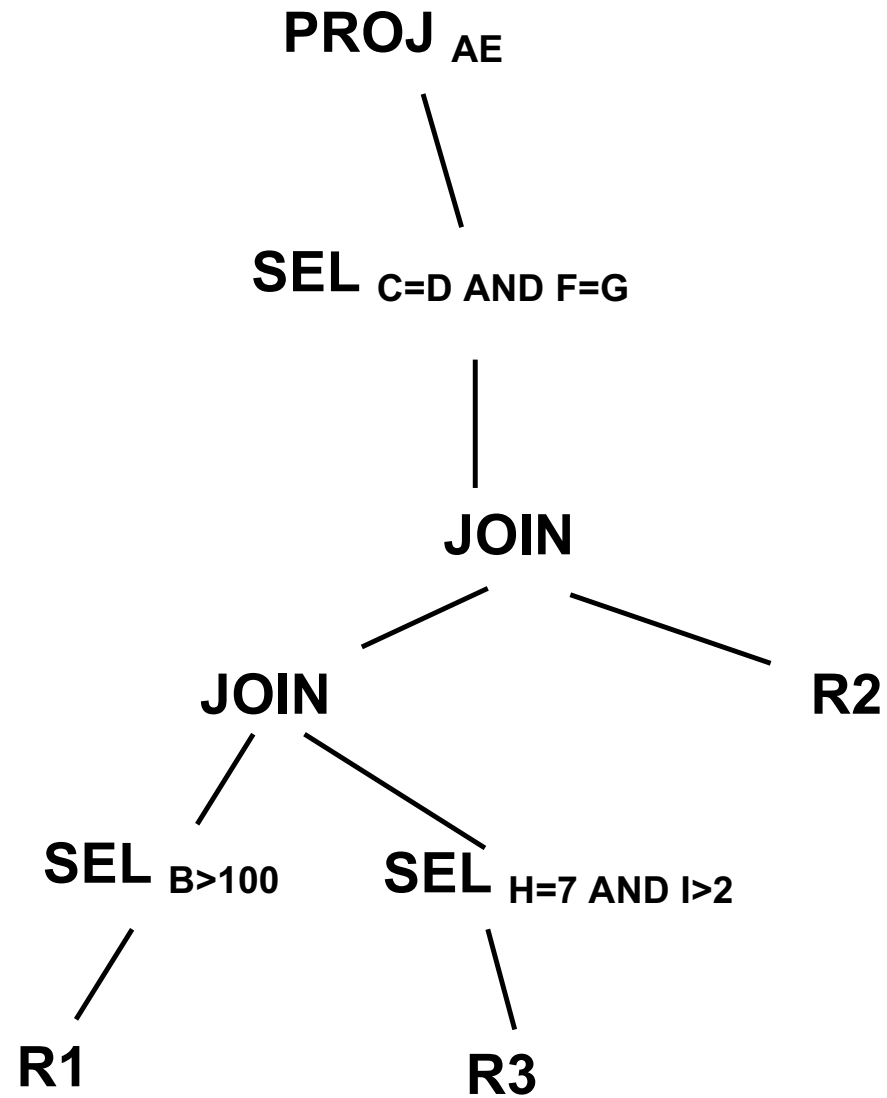
**PROJ<sub>AE</sub> (SEL<sub>C=D AND B>100 AND F=G AND H=7 AND I>2</sub> (R1 JOIN R3) JOIN R2))**



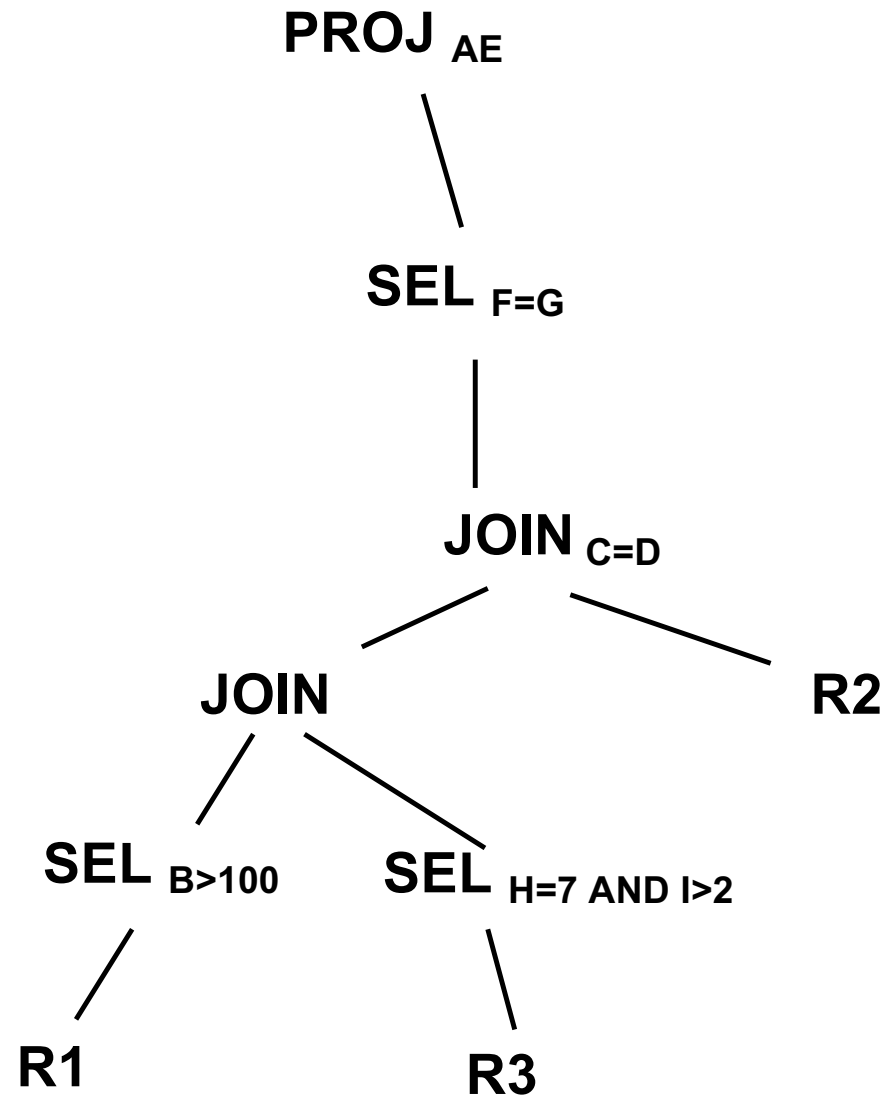
R1(ABC), R2(DEF), R3(GHI)



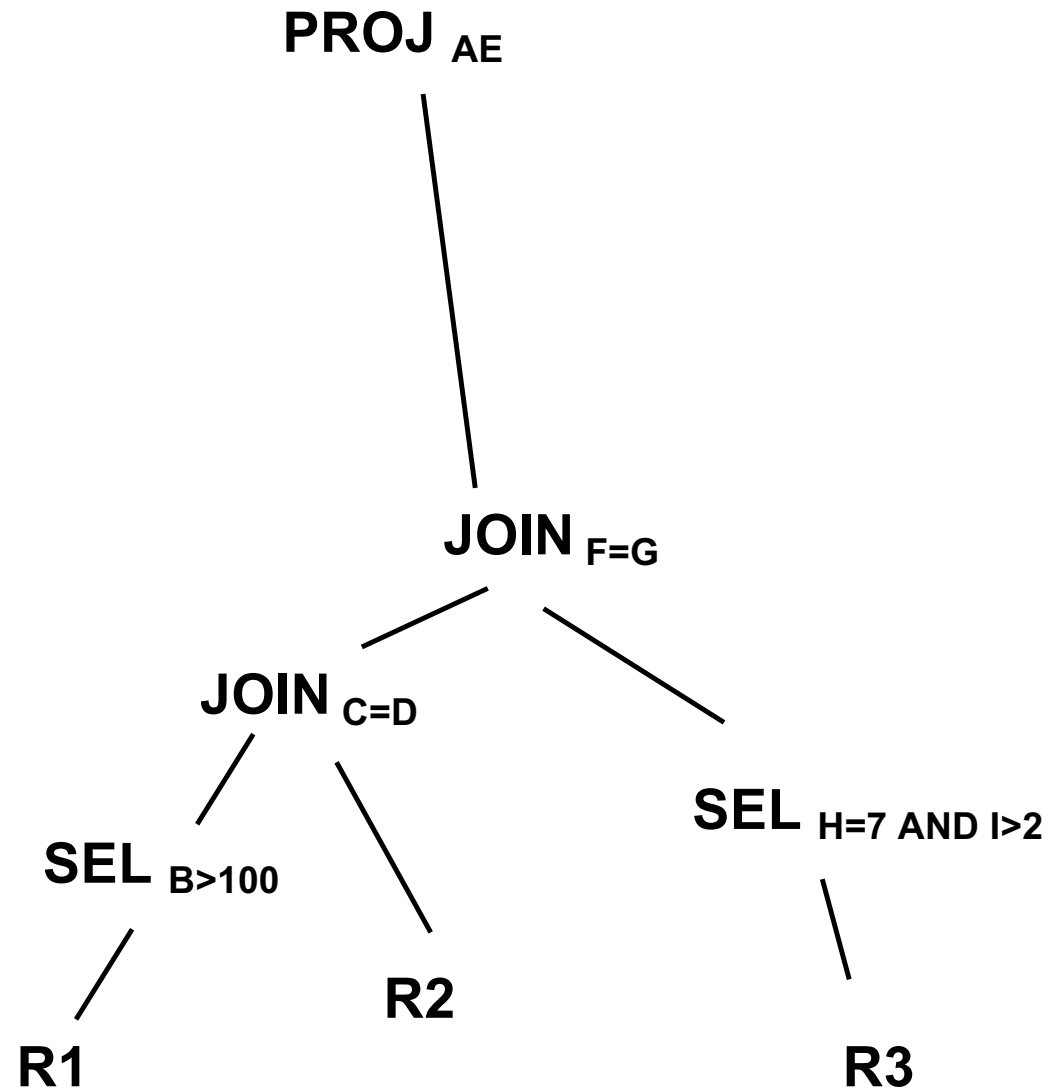
R1(ABC), R2(DEF), R3(GHI)



R1(ABC), R2(DEF), R3(GHI)



R1(ABC), R2(DEF), R3(GHI)



R1(ABC), R2(DEF), R3(GHI)

