Các pth:

1NF   2NF   3NF   BCNF

Ô đất thấp => Cao ô đất

Đất cao => Thấp đất

Lưu ý:

1) $\forall$ khoá chỉ 1 tt : Đạt tối thiểu 2NF

2) Key → 2 key : 0 đạt 2

3) $\forall$ pth : VT là siêu khoá → BCNF

R7(ABCDE), F7 ={ AB → C, C → D, D → A }

R(ABCDE)

L = ABCD

R = CDA

NF = E

OL = B

LR = ACD

A B E⁺ = ABECD

C B E⁺ = CBEDA

D B E⁺ = DBEAC

AC → BE

AD → BE

C → BE

ACD → BE

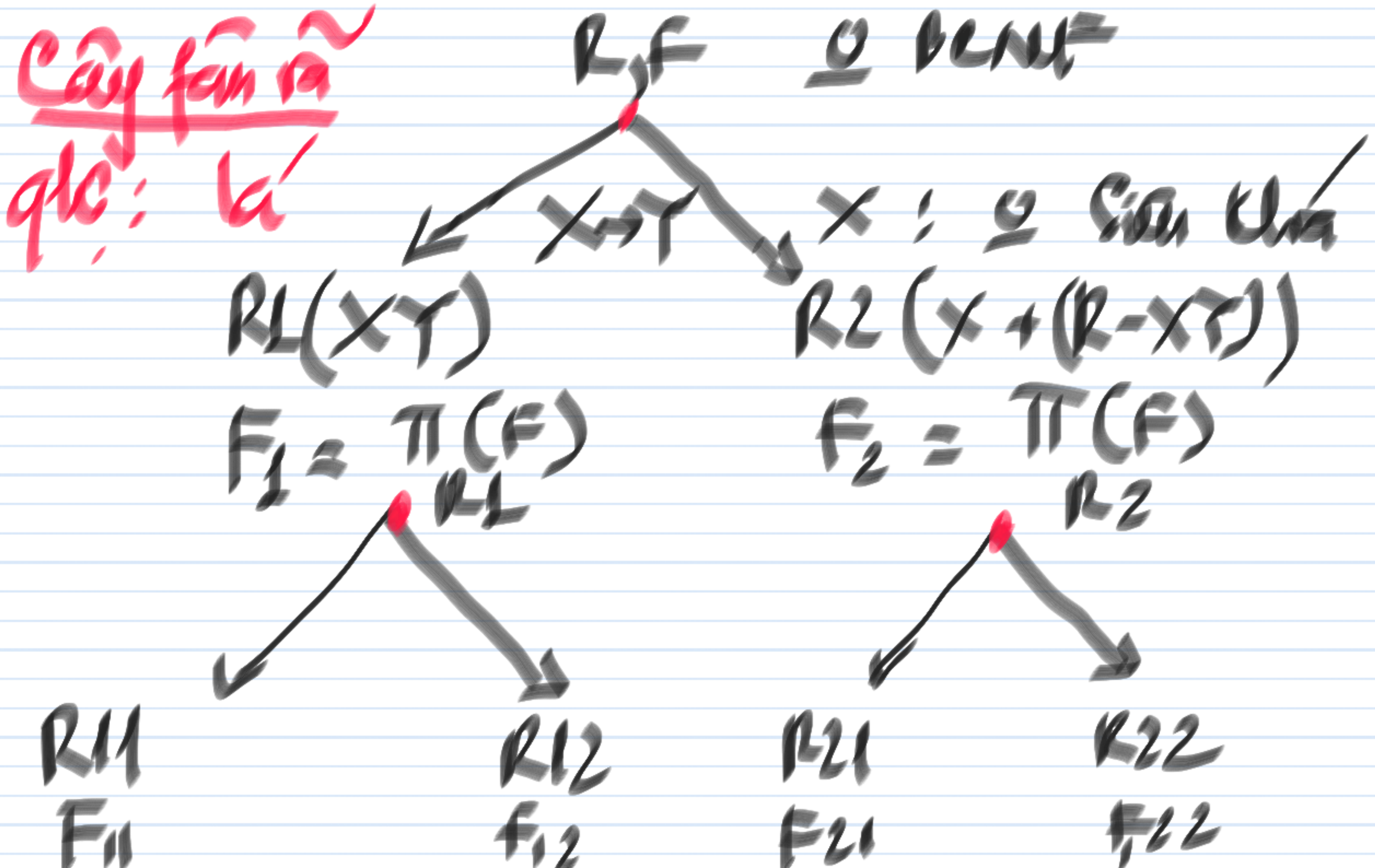
R, F   1NF, 2NF   BC

→ BC

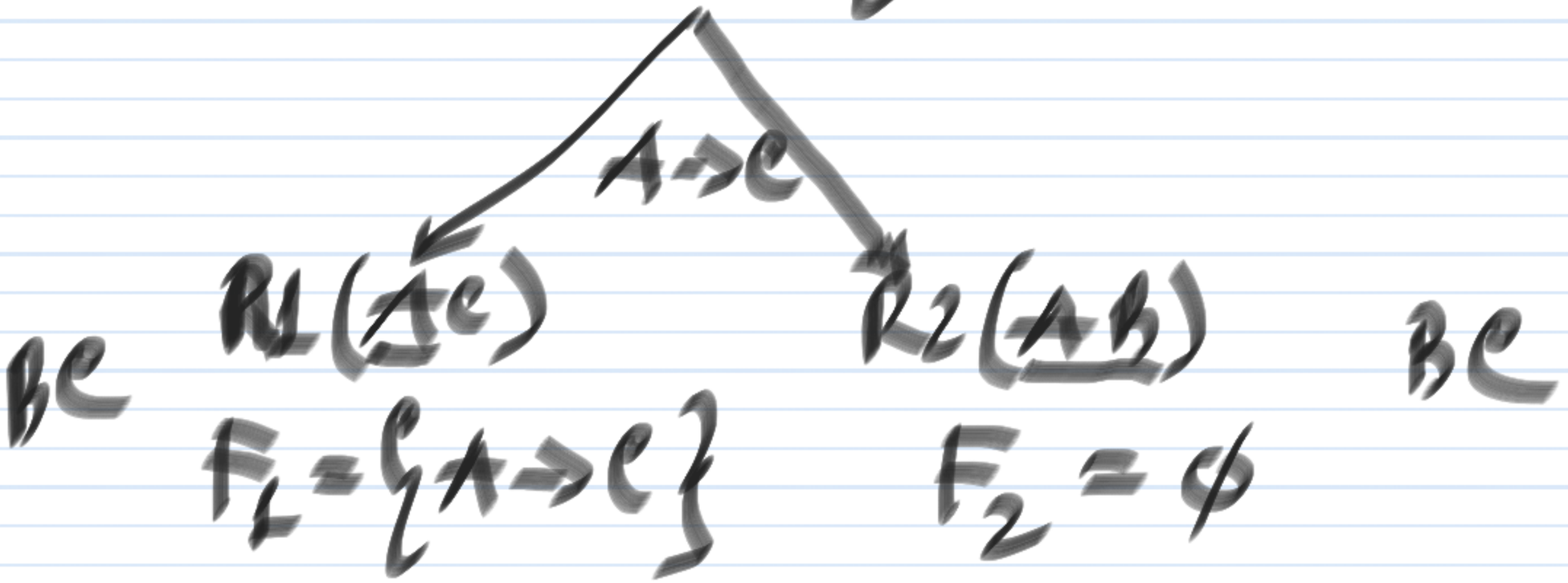
phân rã →

$\{R_1, F_1\}$
$\{R_k, F_k\}$

Cây tìm kiếm



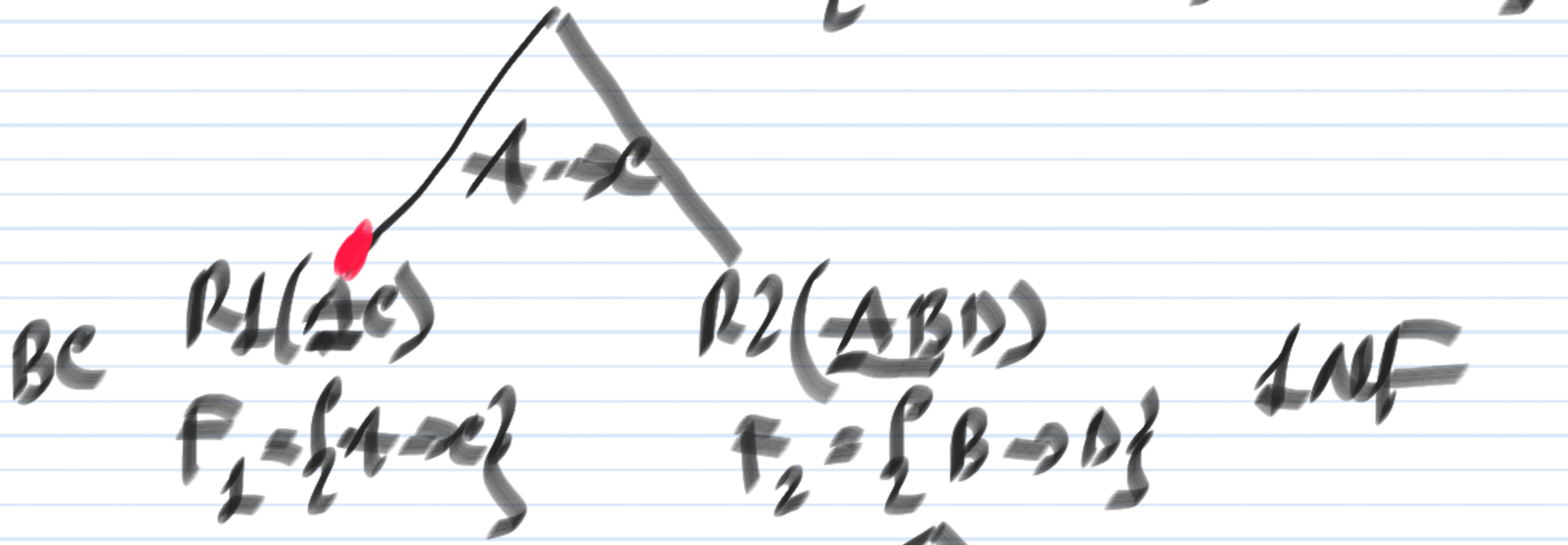
$R(\underline{A}BC)$ $F = \{A \to C\}$ 1NF



Kq: $R1(\underline{A}C)$ $F_1 = \{A \to C\}$ BC

$R2(\underline{A}B)$ $F_2 = \emptyset$ BC

R(A B C D) F = { A → C, B → D }



Kq:

$R_1(AC)$ $F_1 = \{A \to C\}$

$R_2(BD)$ $F_2 = \{B \to D\}$

$R_3(AB)$ $F_3 = \emptyset$

SAD

AI

Systems Analysis Design

R(ABCDE), F = { AB → C, B → A, D → A }