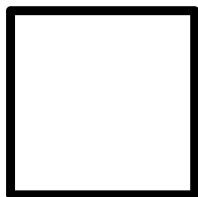


$$1. A = \{\epsilon\}$$

A



terminating  
Confluent  
UNF

$$2. A = \{a\} \text{ and } R = \{\epsilon\}$$

A



(a)

terminating  
Confluent  
UNF

$$3. A = \{a\} \text{ and } R = \{(a, a)\}$$

A



(a, a...)

not terminating  
Confluent  
NO UNF

$$4. A = \{a, b, c\} \text{ and } R = \{(a, b)(c, c)\}$$

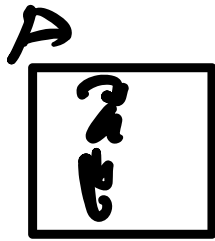
A





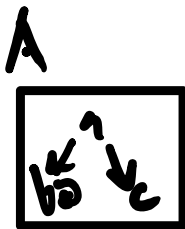
terminating  
not confluent  
no VNF

5.  $A = \{a, b\}$  and  $R = \{(a, a), (a, b)\}$



Not terminating  
Confluent  
VNF

6.  $A = \{a, b, c\}$  and  $R = \{(a, b), (b, b), (a, c)\}$

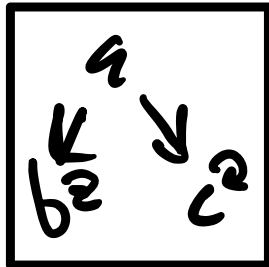


not terminating  
not confluent

no VNF

7.  $A = \{a, b, c\}$  and  $R = \{(a, b), (b, b), (c, a), (c, c)\}$

A



not terminating  
not confluent  
no VNF

1. terminating  
confluent  
VNF

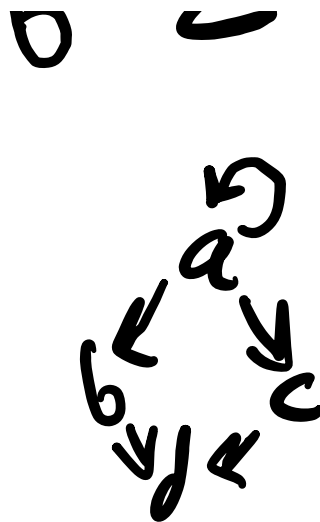


2. terminating

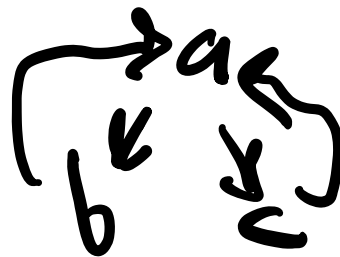


Confluent  
no VNF

3.  
not terminating  
Confluent  
VNF



4  
not terminating  
Confluent  
no VNF



5.  
terminating  
not Confluent  
VNF



6.  
terminating  
not Confluent  
no VNF



no un-

7.

not terminating  
not confluent  
UNF



8.

not terminating  
not confluent  
no UNF

