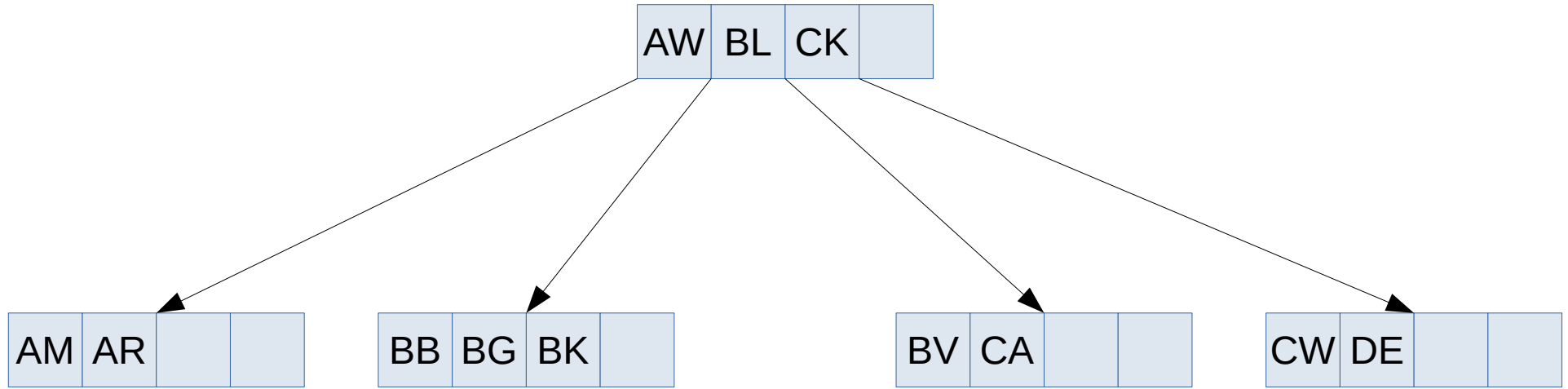


# Questão 24 – Árvore B



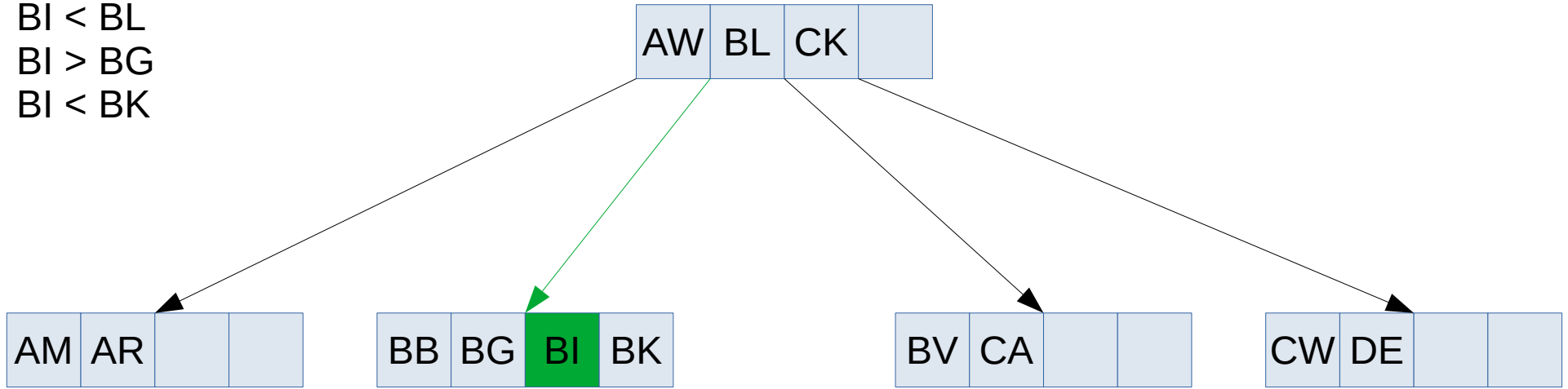
# Insérer BI

BI > AW

BI < BL

BI > BG

BI < BK

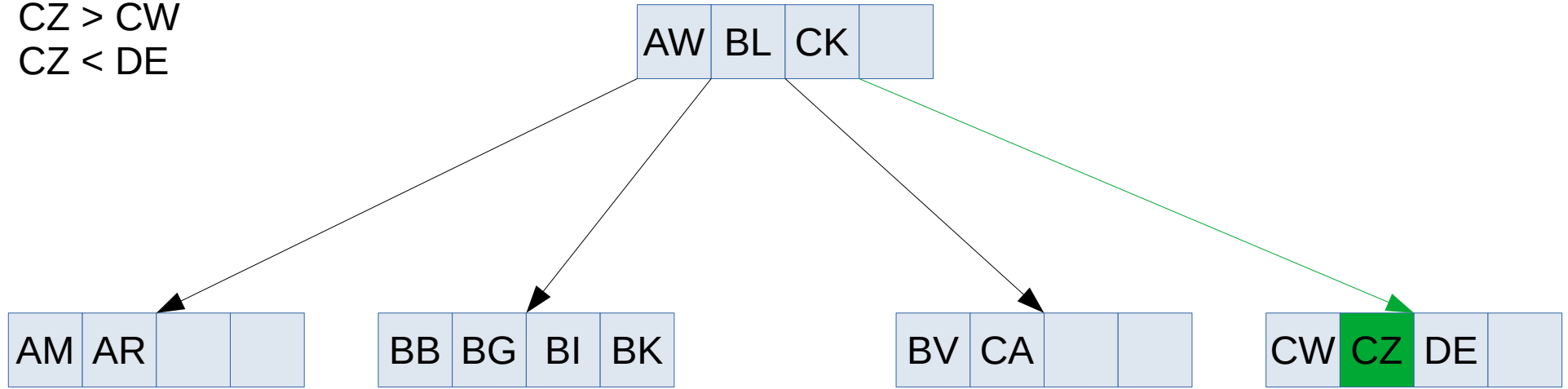


# Insérer CZ

CZ > CK

CZ > CW

CZ < DE

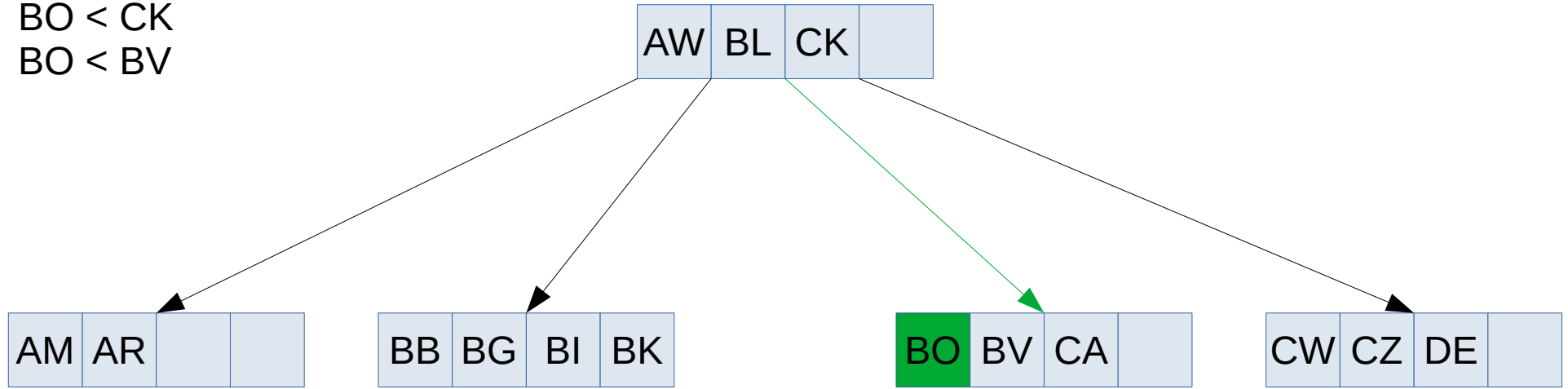


# Insérer BO

BO > BL

BO < CK

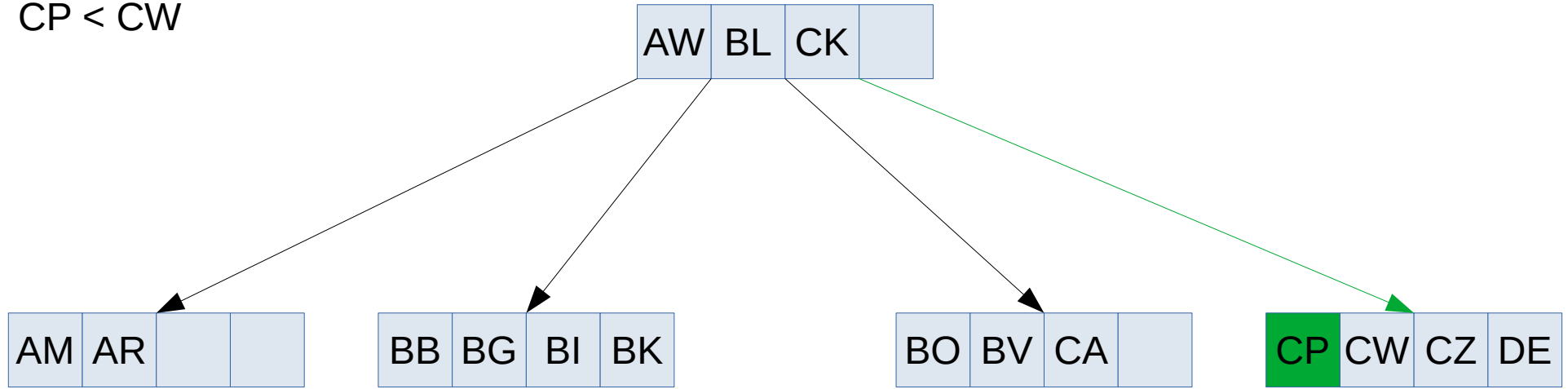
BO < BV



# Insérer CP

CP > CK

CP < CW

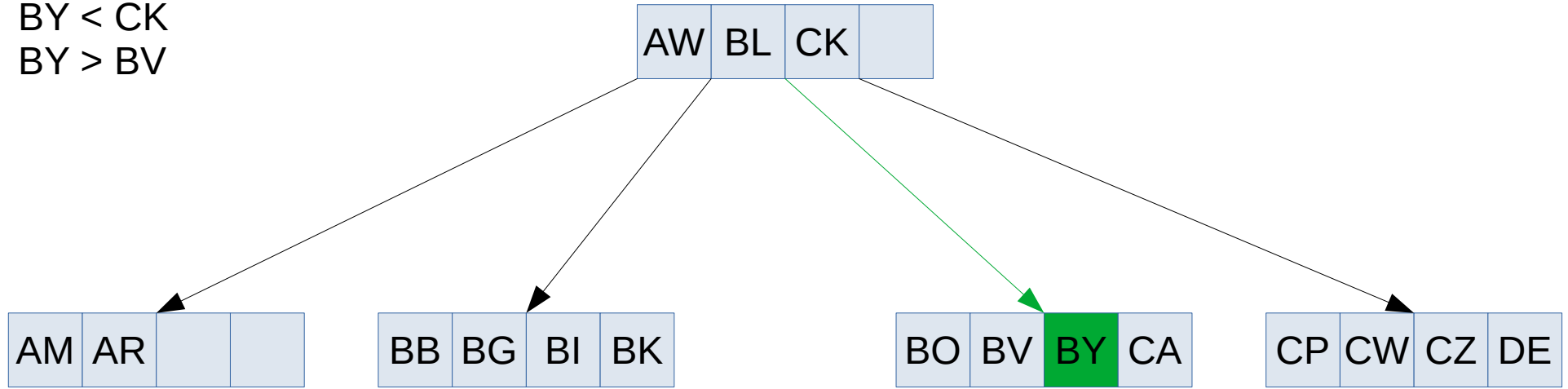


# Insérer BY

BY > BL

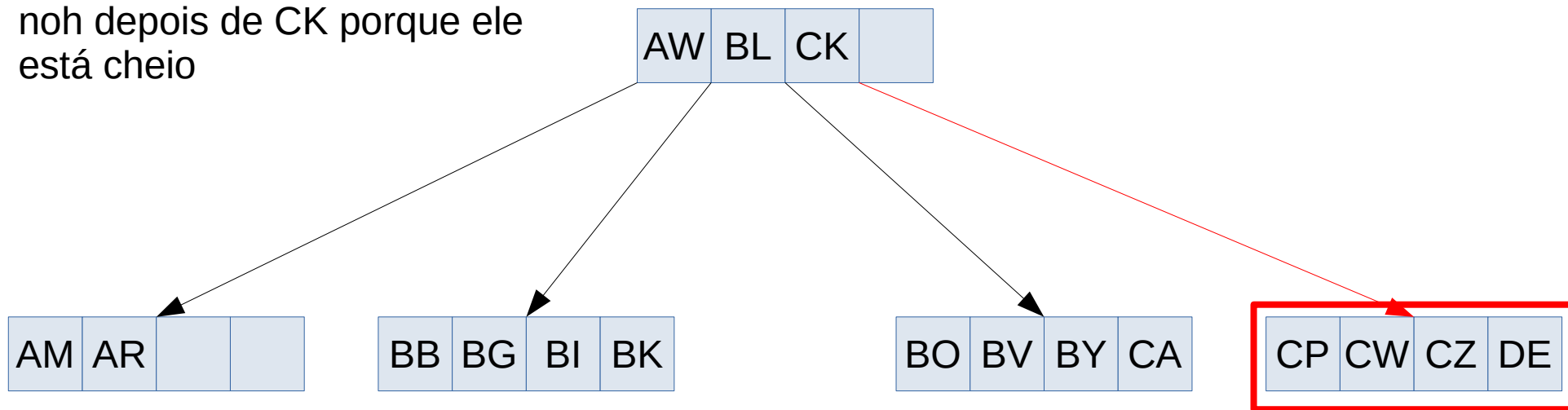
BY < CK

BY > BV



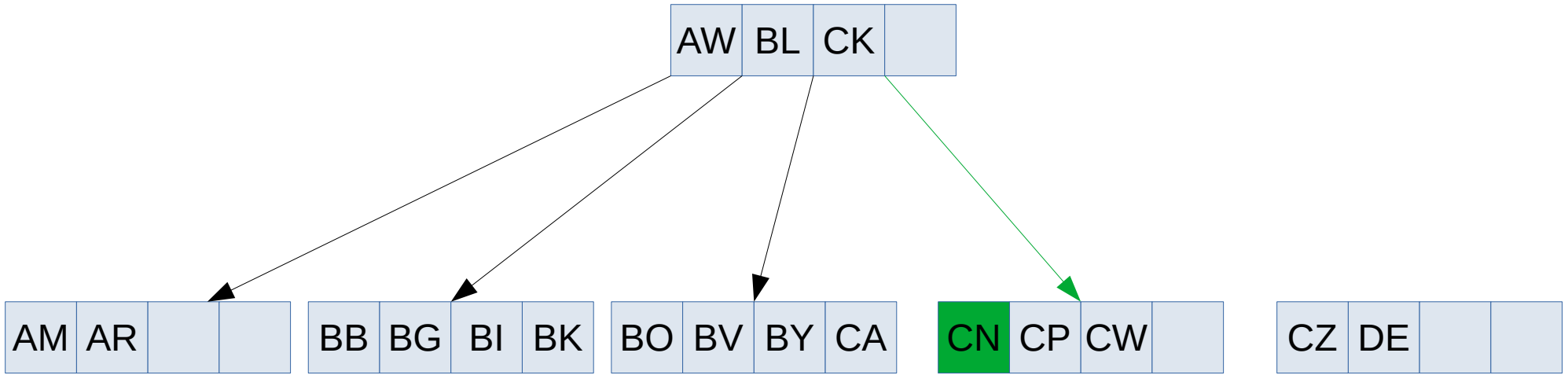
# Inserir CN

CN não pode ser inserido no  
noh depois de CK porque ele  
está cheio



# Inserir CN

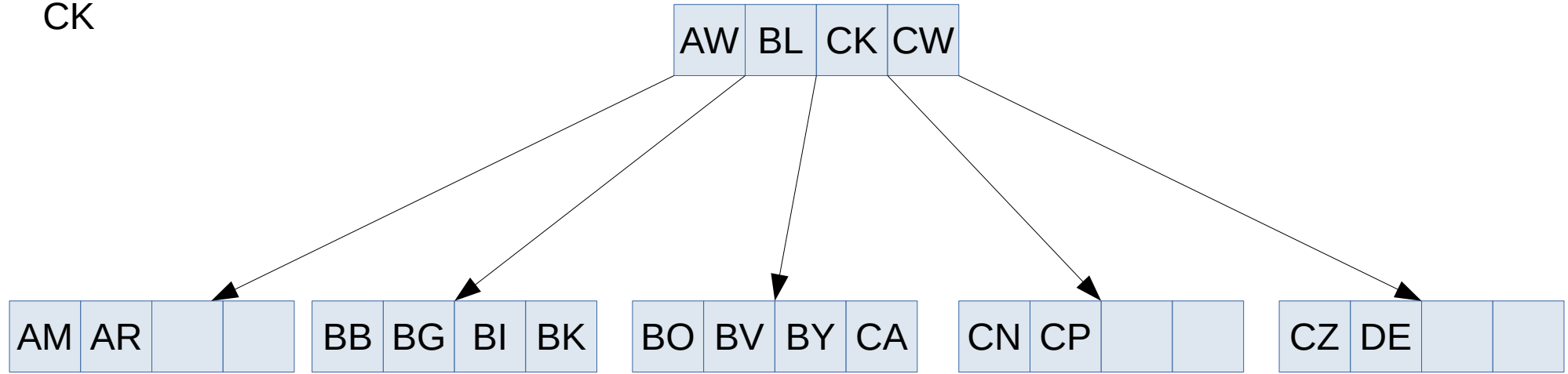
Inserer CN





# Inserir CN

Sobe o maior elemento do noh  
CK

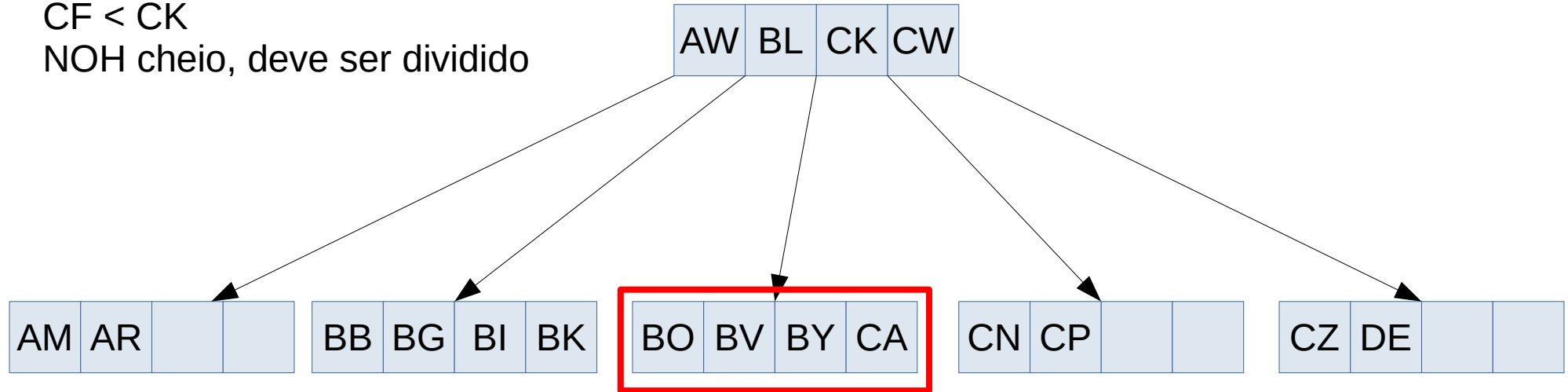


# Inserir CF

CF > BL

CF < CK

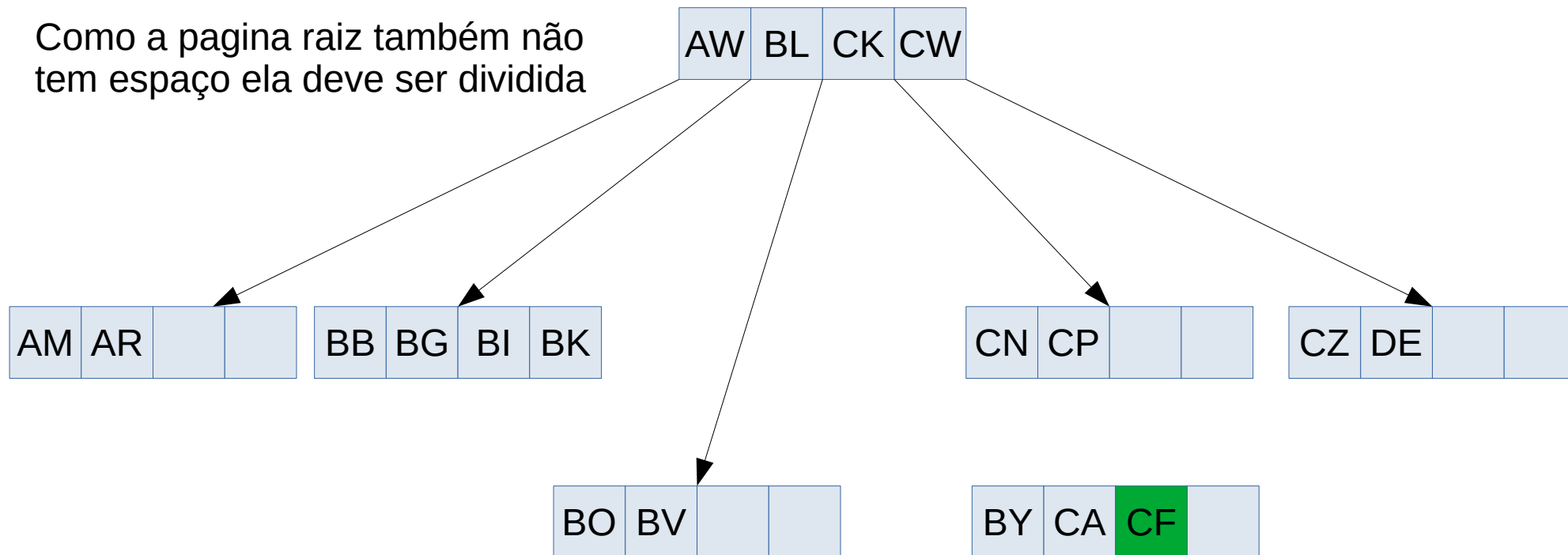
NOH cheio, deve ser dividido



# Inserir CF

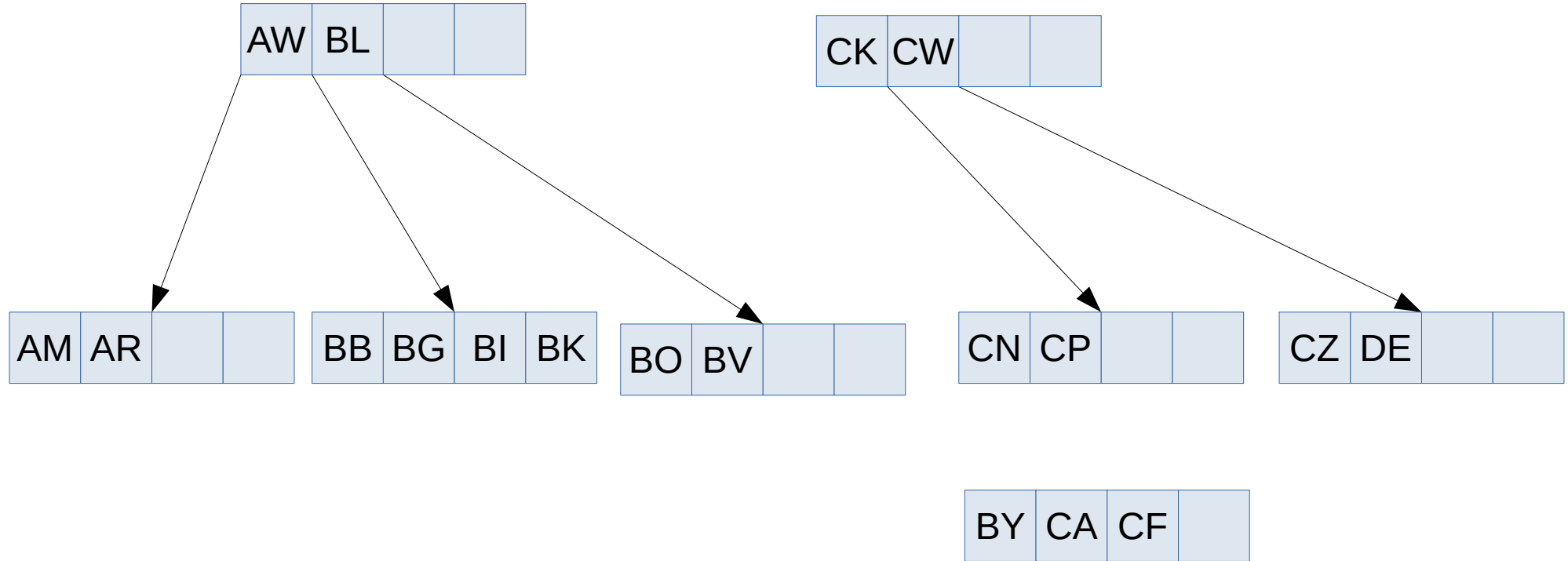
Inserir no nó

Como a página raiz também não tem espaço ela deve ser dividida



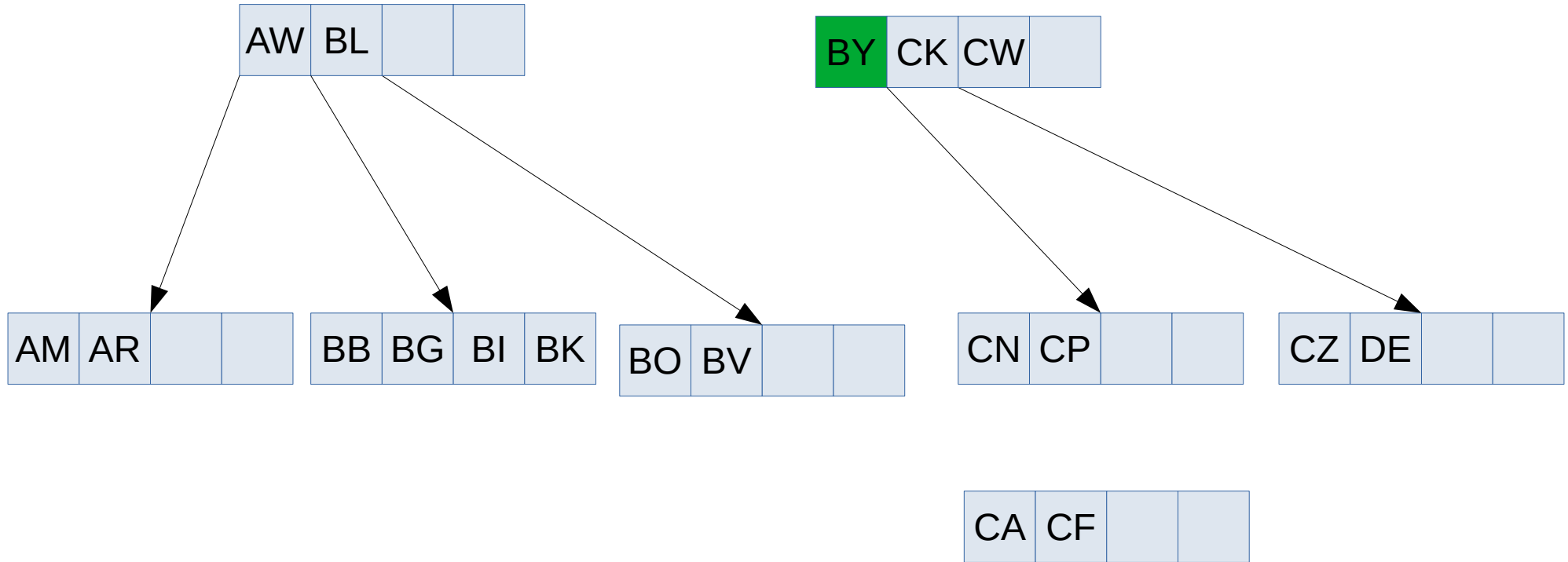
# Inserir CF

BY sobe para ser a pagina de CK

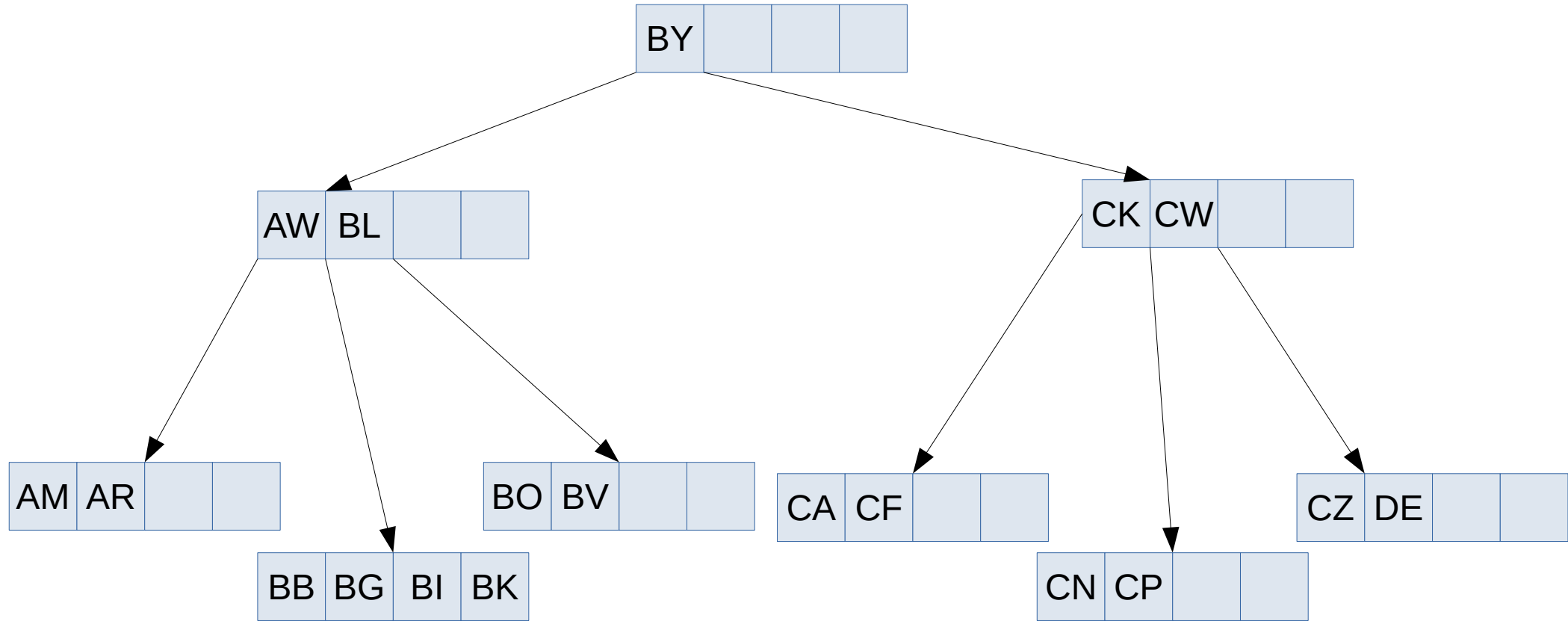


# Inserir CF

BY sobe para ser a raiz



# Inserir CF

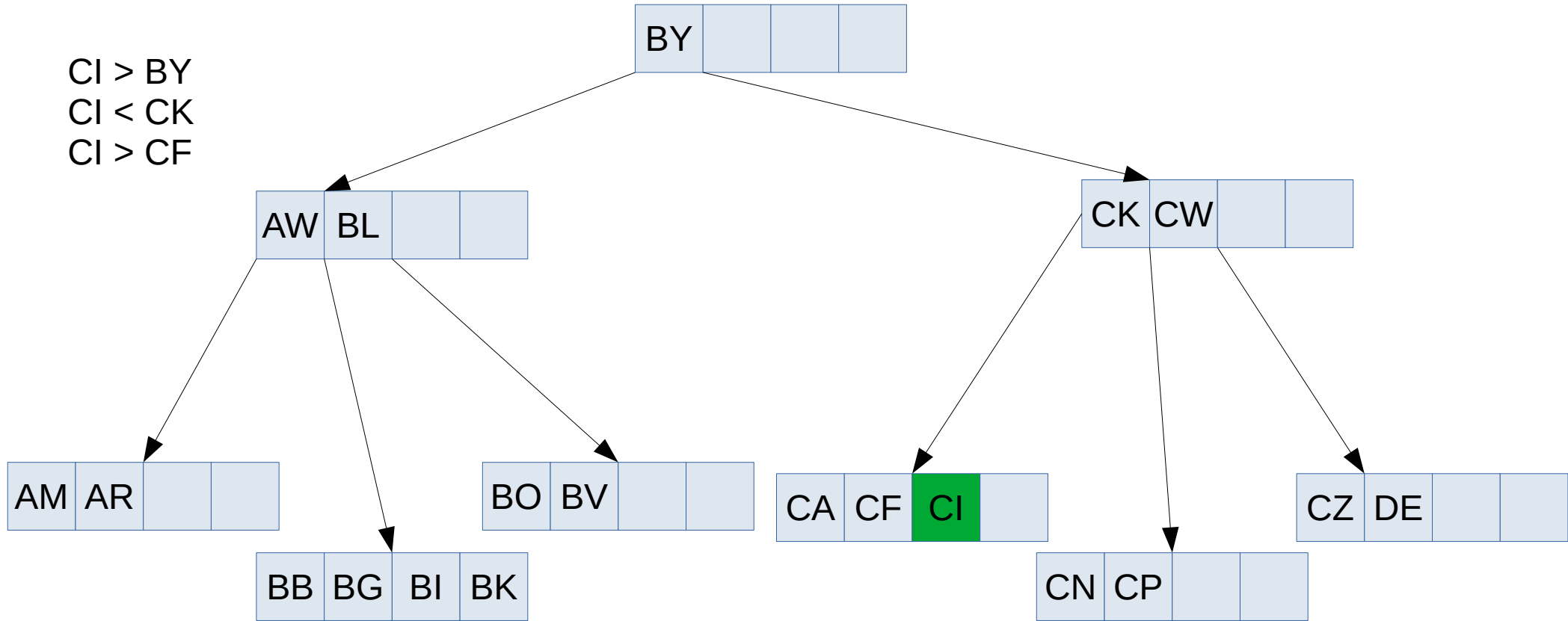


# Inserir CI

CI > BY

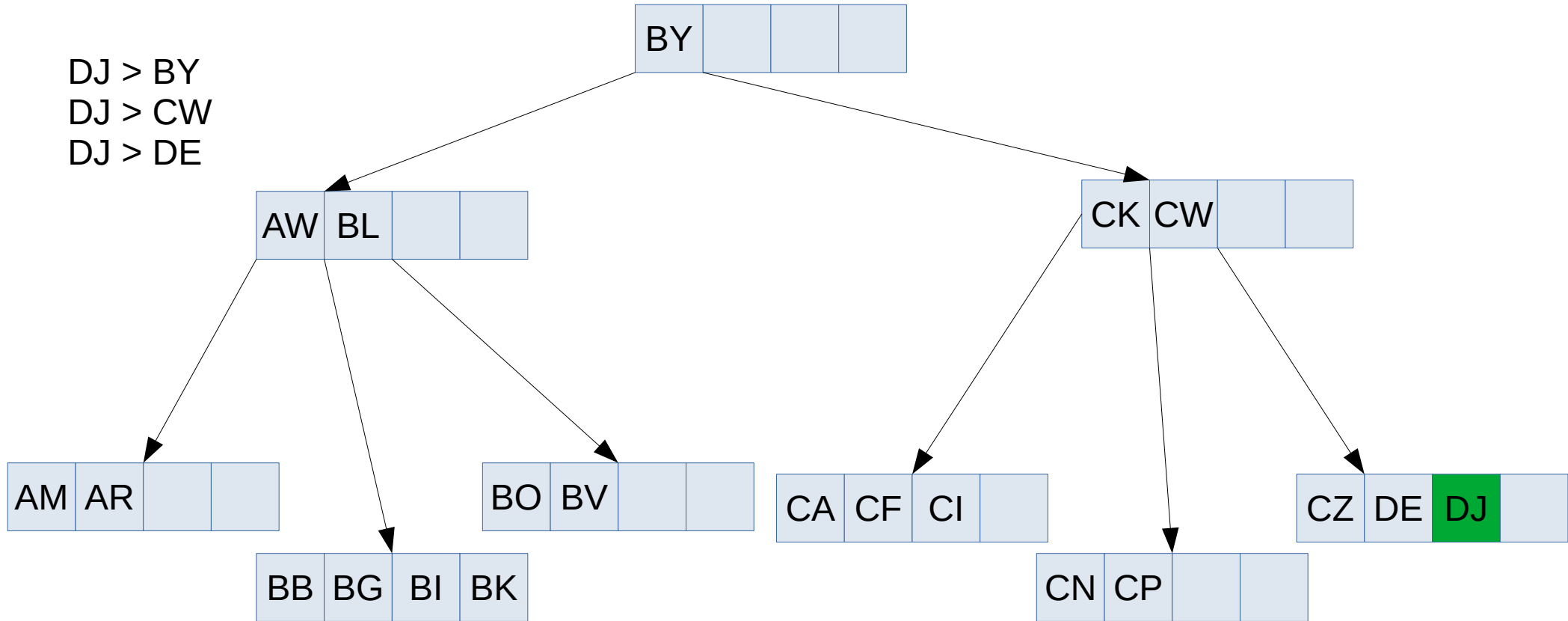
CI < CK

CI > CF



# Inserir DJ

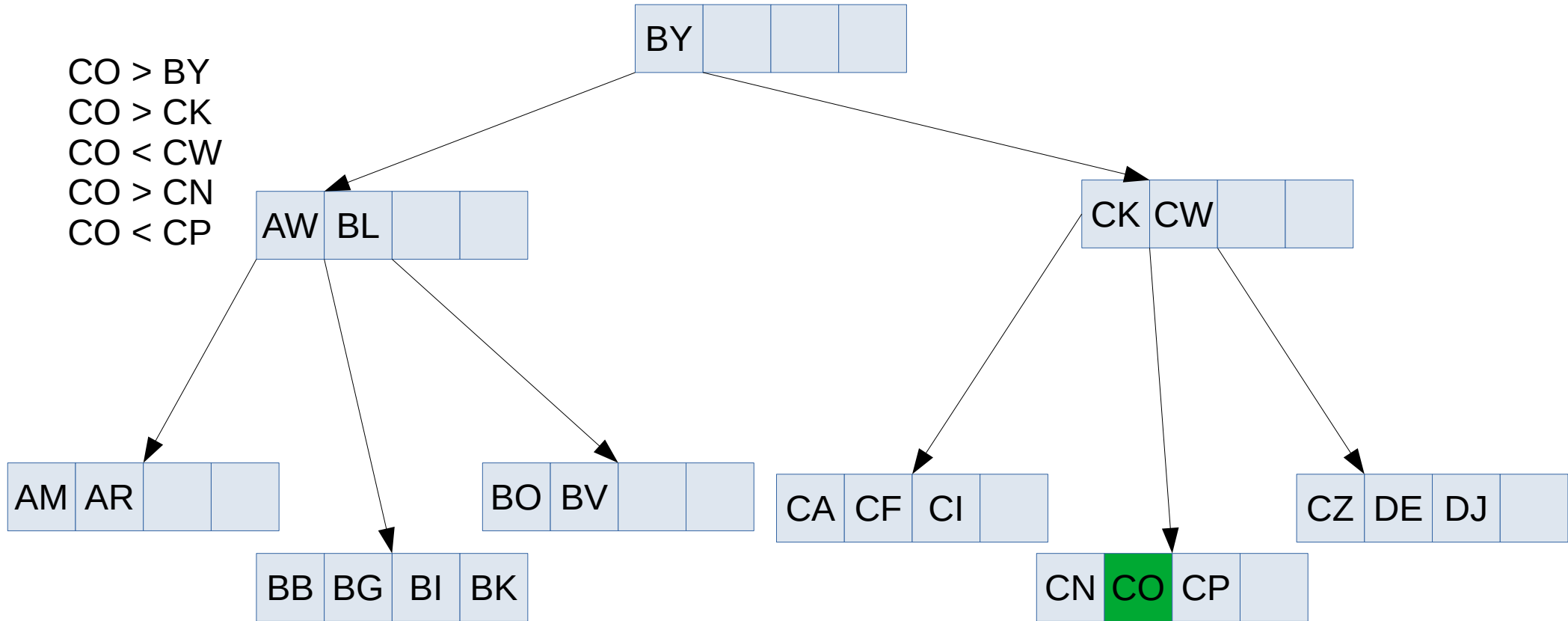
DJ > BY  
DJ > CW  
DJ > DE





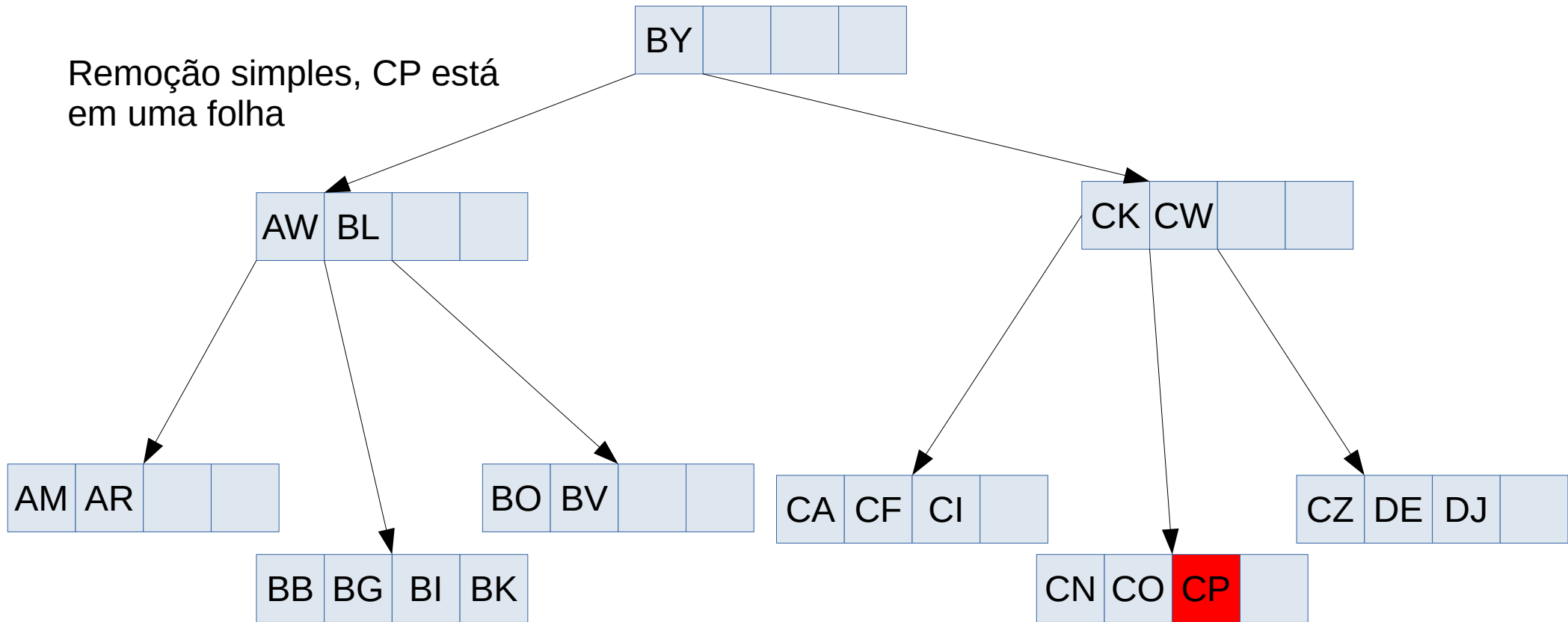
# Inserir CO

CO > BY  
CO > CK  
CO < CW  
CO > CN  
CO < CP



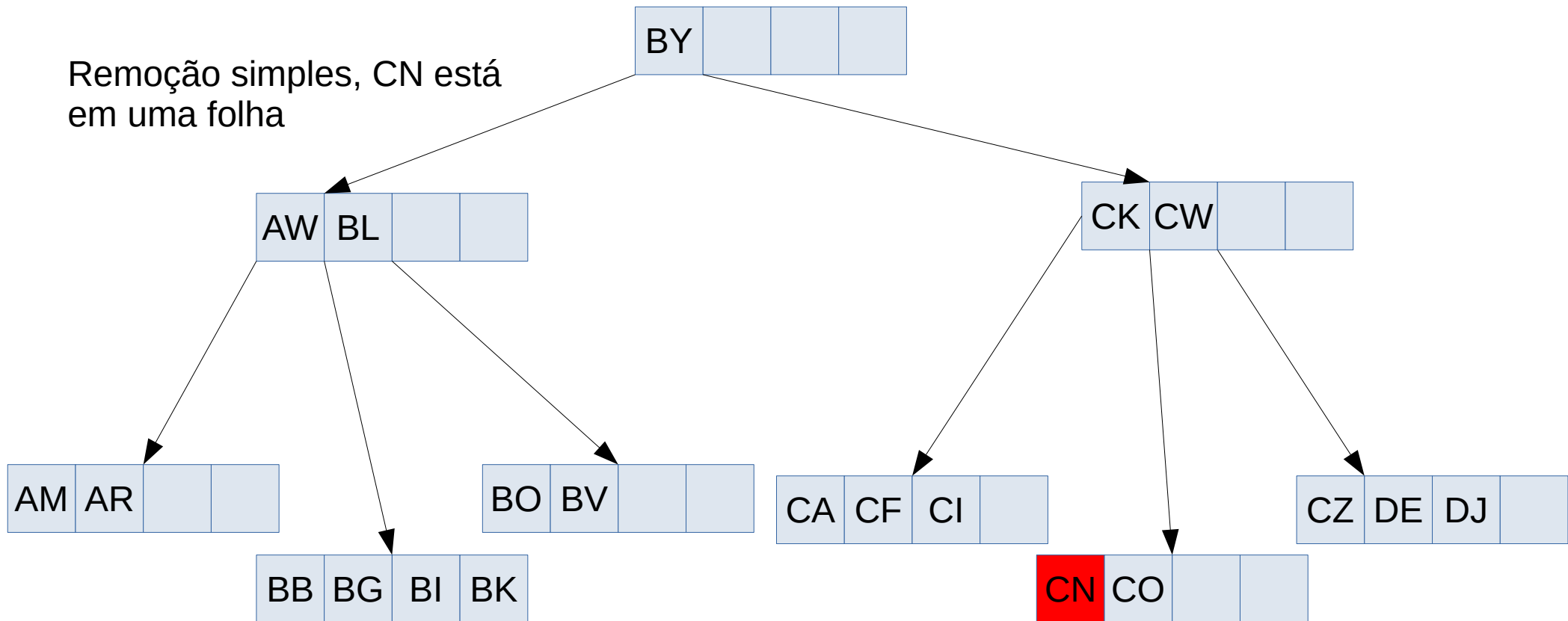
# Remover CP

Remoção simples, CP está em uma folha



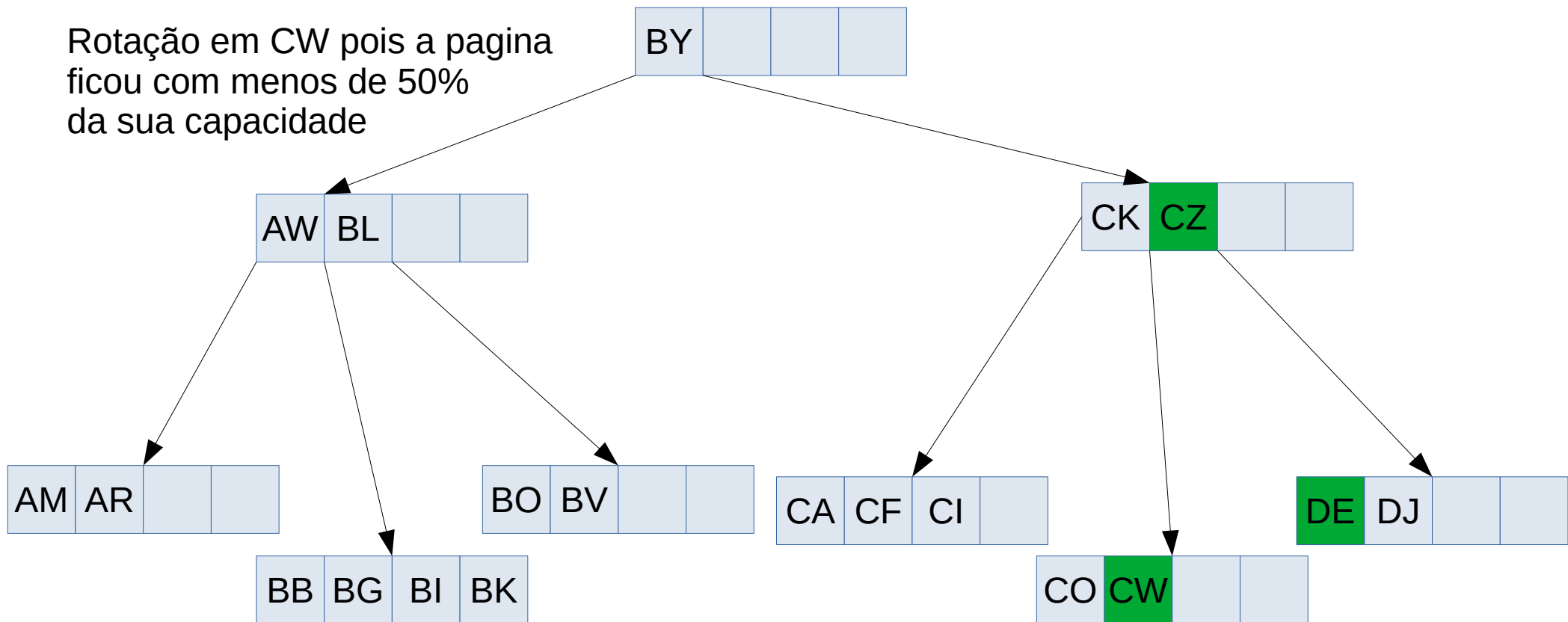
# Remover CN

Remoção simples, CN está em uma folha



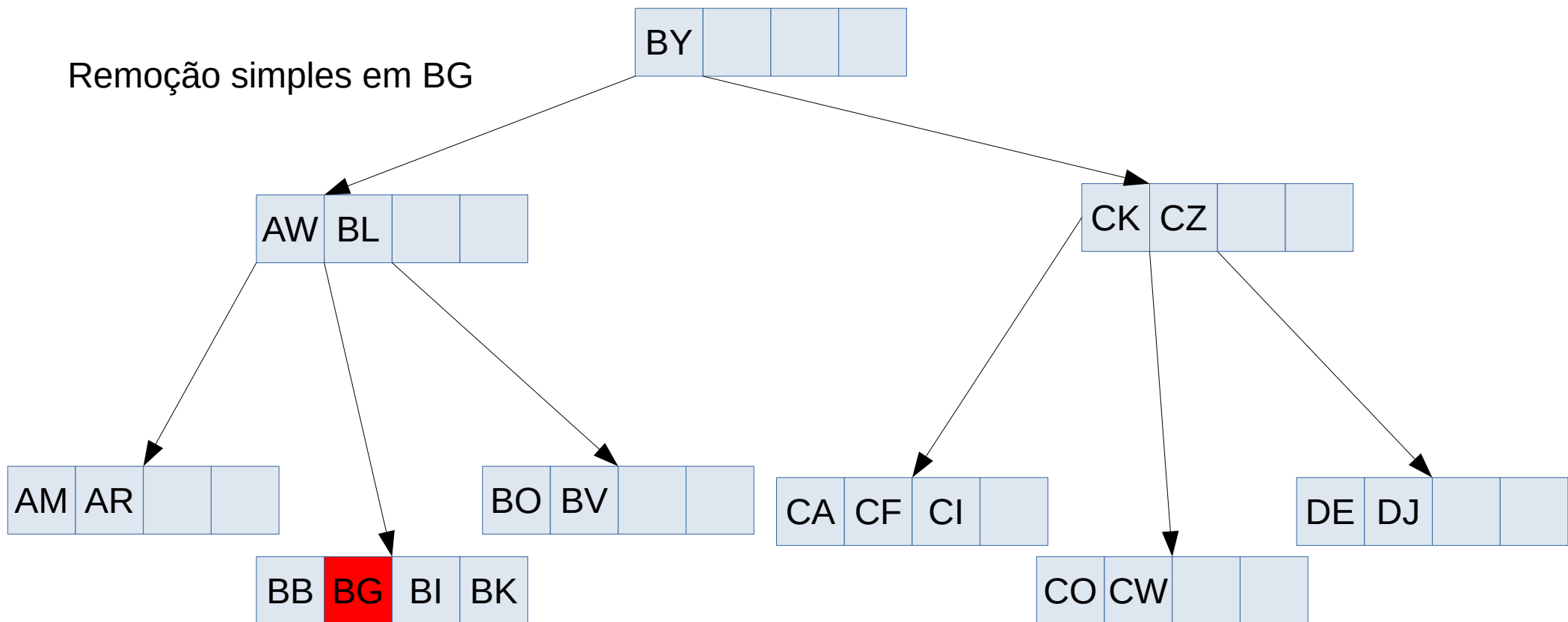
# Remover CN

Rotação em CW pois a pagina ficou com menos de 50% da sua capacidade



# Remover BG

Remoção simples em BG



Resultado:

