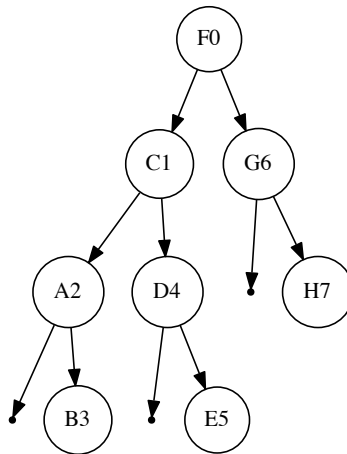


Esse documento contém alguns exemplos de árvores e diferentes cortes que podem ser realizados nelas. Fundindo as duas árvores obtidas por meio do corte, obtém-se a árvore original. Esperamos que esses exemplos possam ajudá-los a deduzir como implementar cada uma dessas operações. Ao analisar os exemplos, atentem-se às subárvores em que cada nó foi parar e onde. Existe algum padrão?

1 Exemplo 1



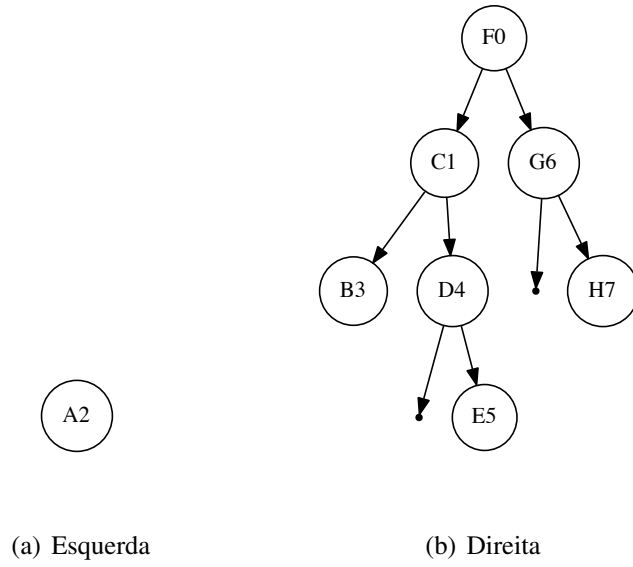


Figura 1: Corte em A

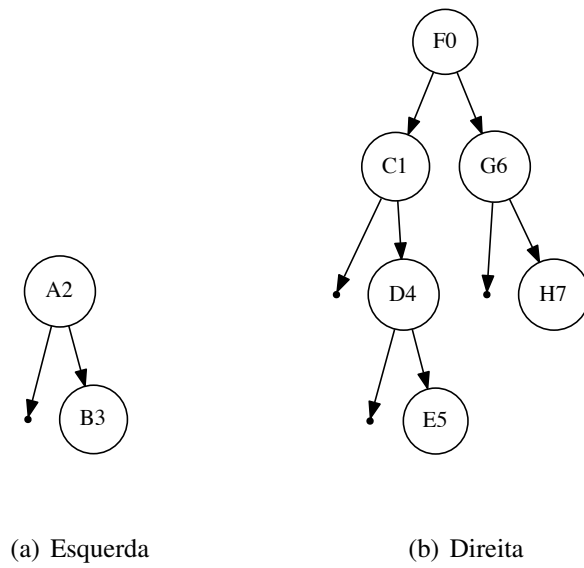
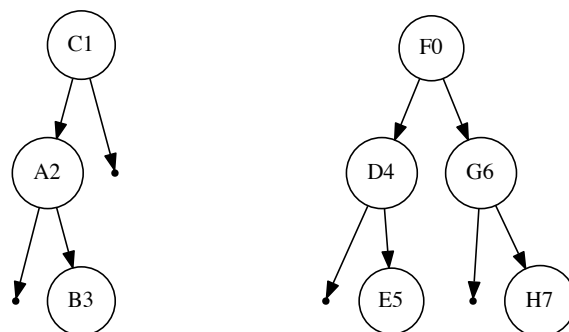


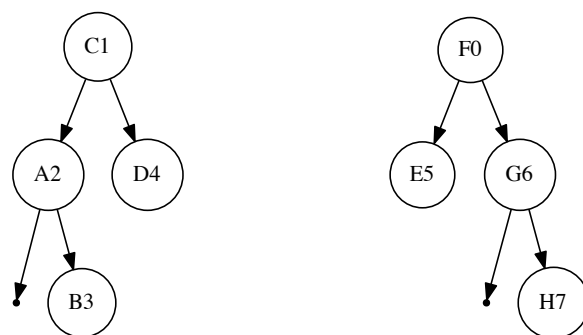
Figura 2: Corte em B



(a) Esquerda

(b) Direita

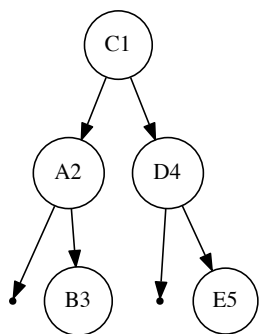
Figura 3: Corte em C



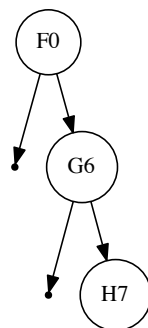
(a) Esquerda

(b) Direita

Figura 4: Corte em D

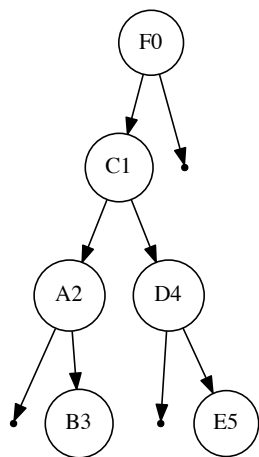


(a) Esquerda

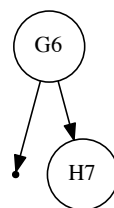


(b) Direita

Figura 5: Corte em E



(a) Esquerda



(b) Direita

Figura 6: Corte em F

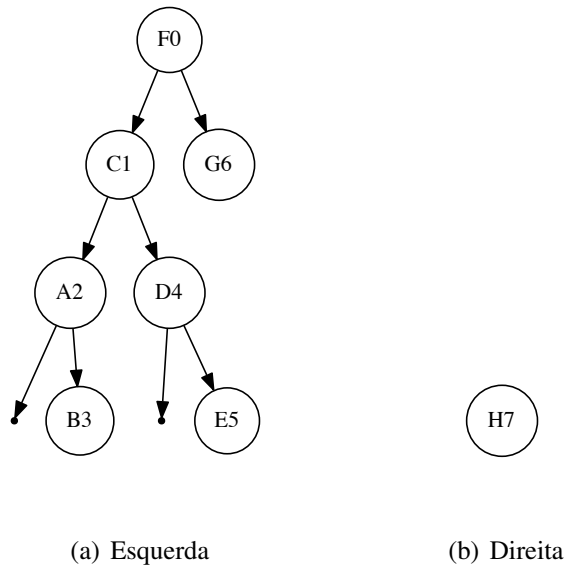


Figura 7: Corte em G

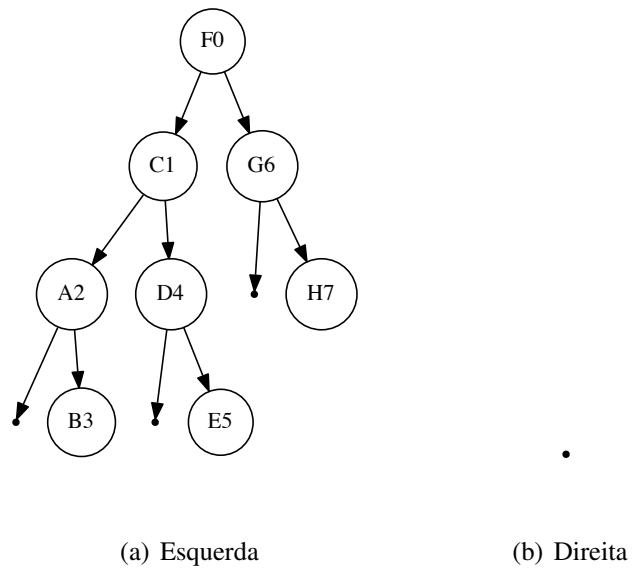
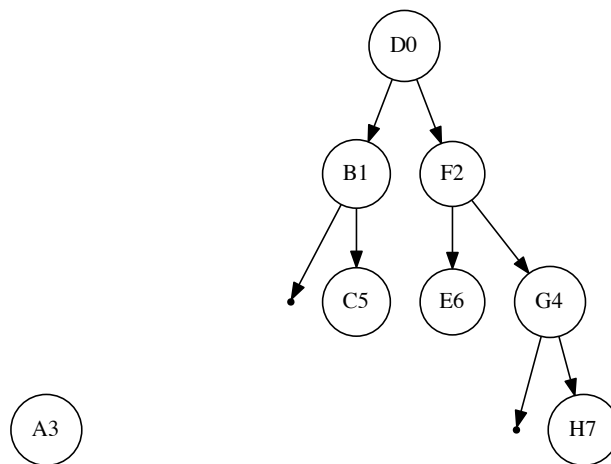
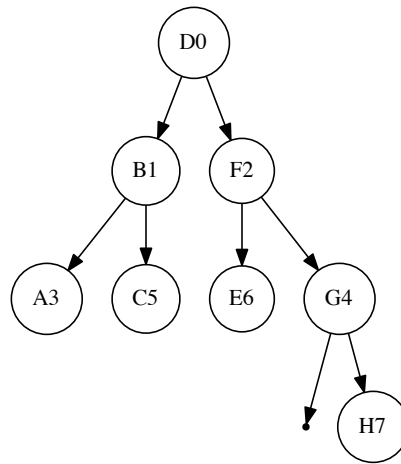


Figura 8: Corte em H

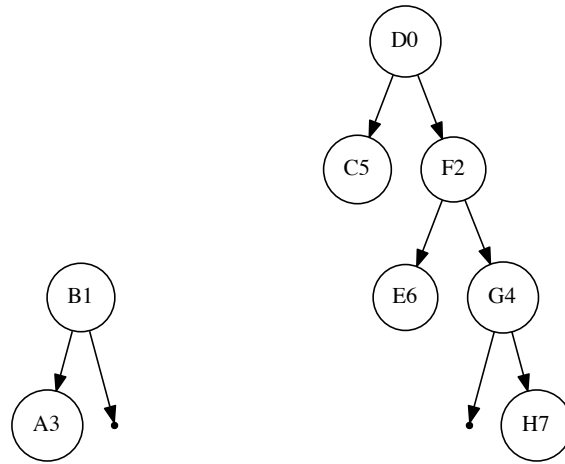
2 Exemplo 2



(a) Esquerda

(b) Direita

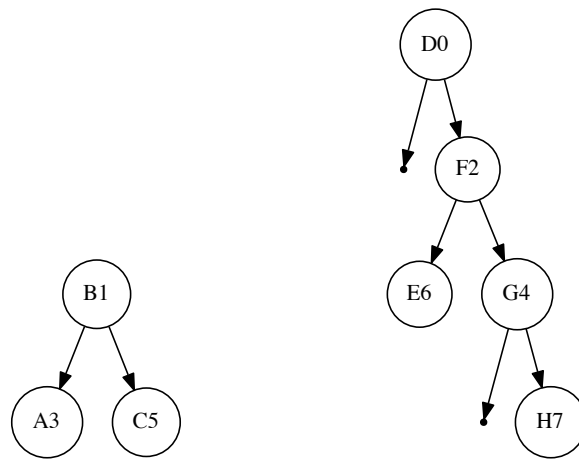
Figura 9: Corte em A



(a) Esquerda

(b) Direita

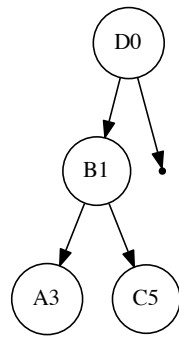
Figura 10: Corte em B



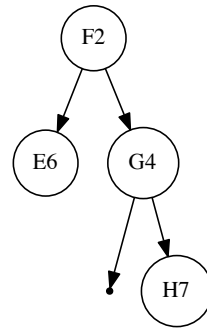
(a) Esquerda

(b) Direita

Figura 11: Corte em C

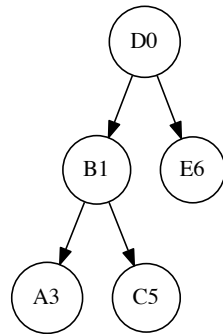


(a) Esquerda

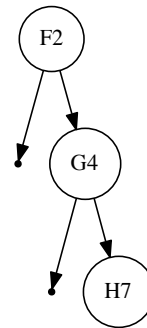


(b) Direita

Figura 12: Corte em D

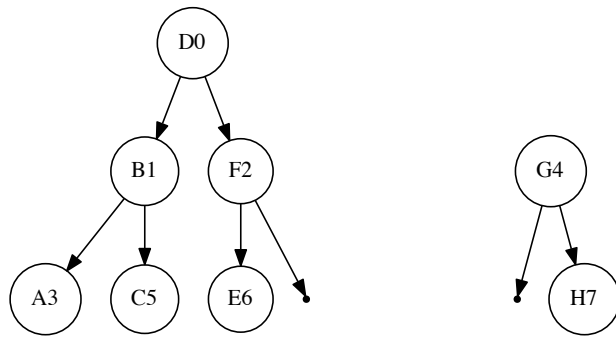


(a) Esquerda



(b) Direita

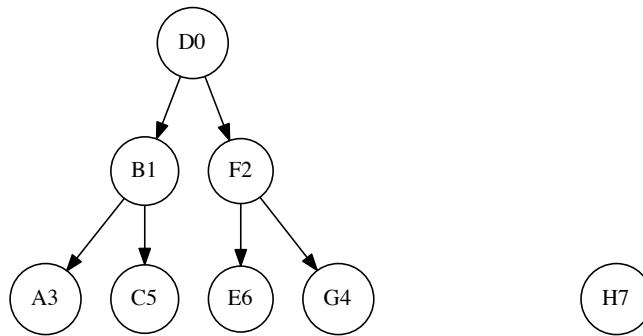
Figura 13: Corte em E



(a) Esquerda

(b) Direita

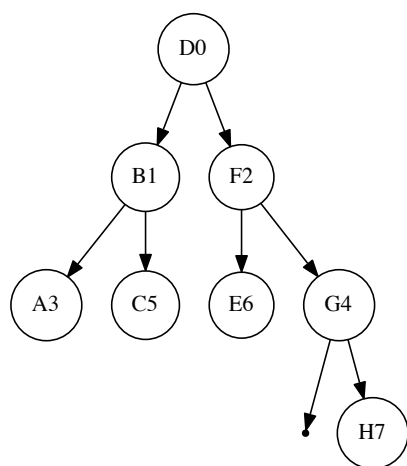
Figura 14: Corte em F



(a) Esquerda

(b) Direita

Figura 15: Corte em G

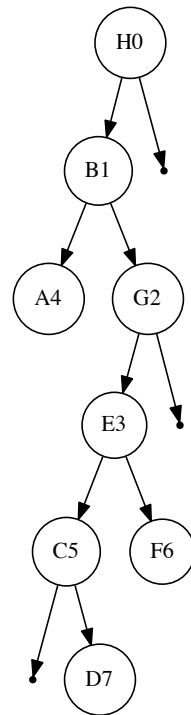


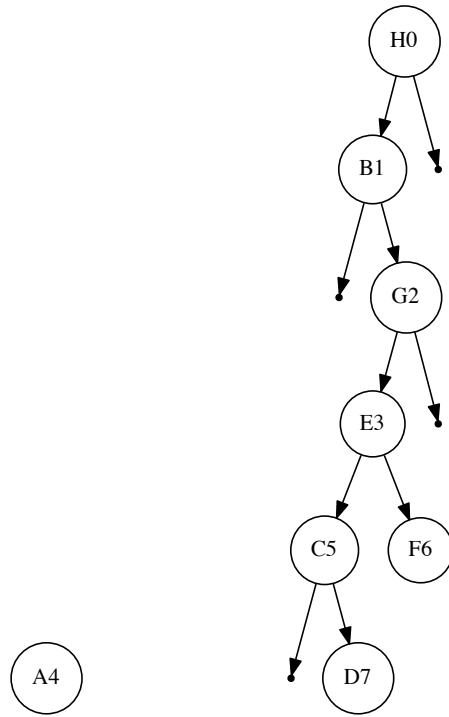
(a) Esquerda

(b) Direita

Figura 16: Corte em H

3 Exemplo 3

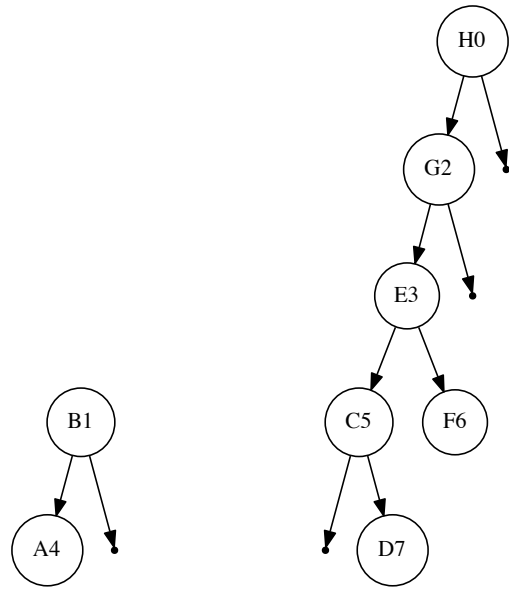




(a) Esquerda

(b) Direita

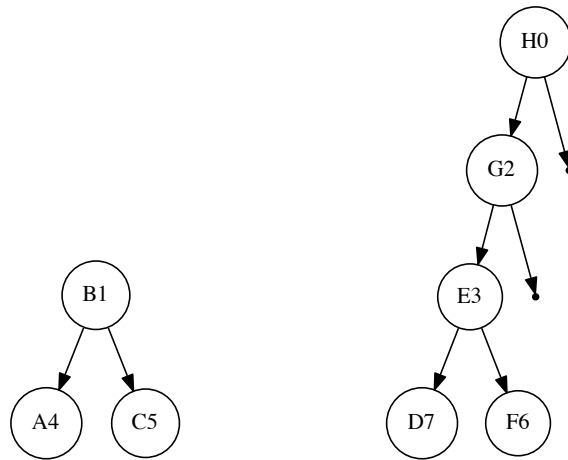
Figura 17: Corte em A



(a) Esquerda

(b) Direita

Figura 18: Corte em B



(a) Esquerda

(b) Direita

Figura 19: Corte em C

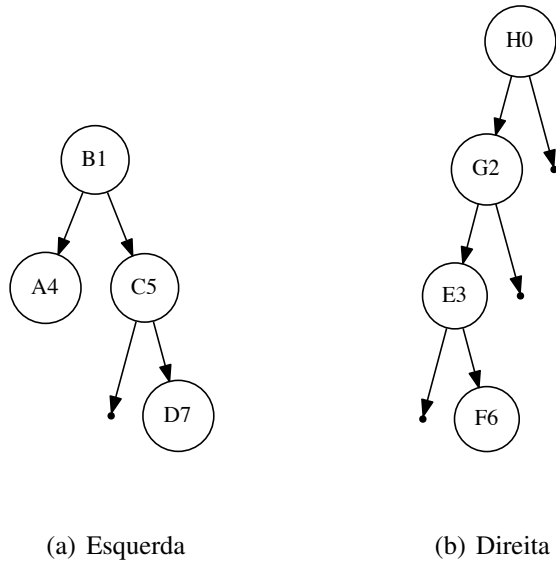


Figura 20: Corte em D

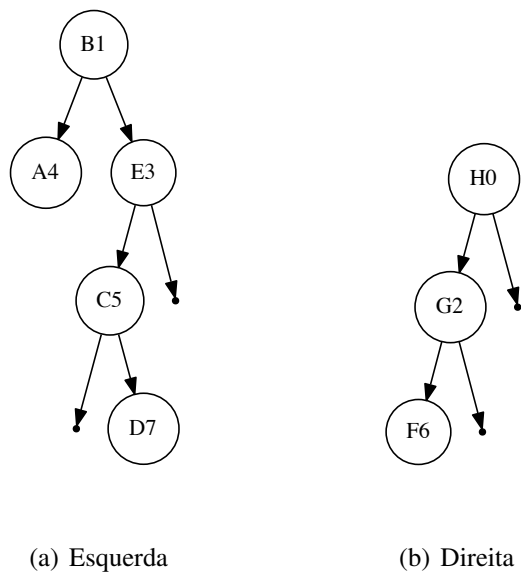


Figura 21: Corte em E

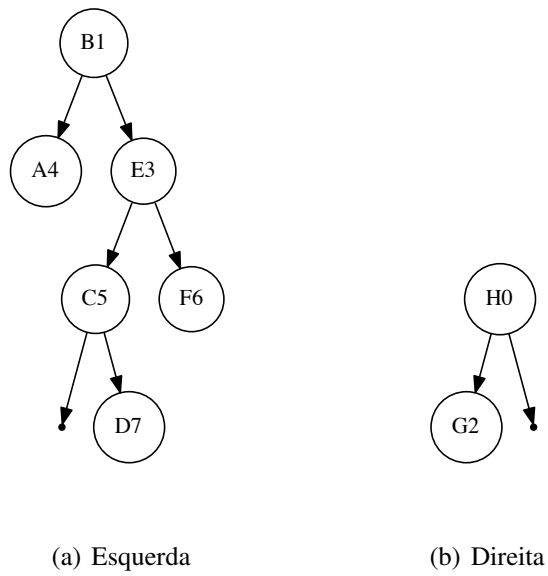


Figura 22: Corte em F

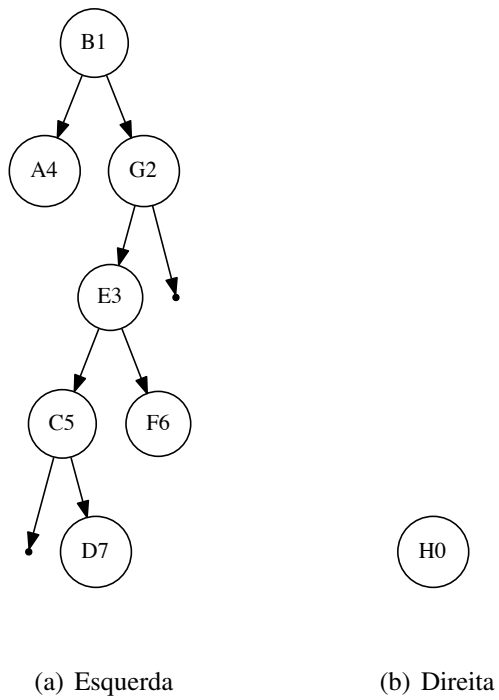
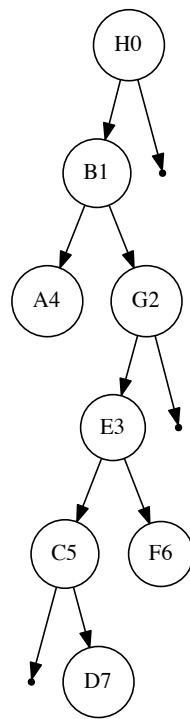


Figura 23: Corte em G



(a) Esquerda

(b) Direita

Figura 24: Corte em H