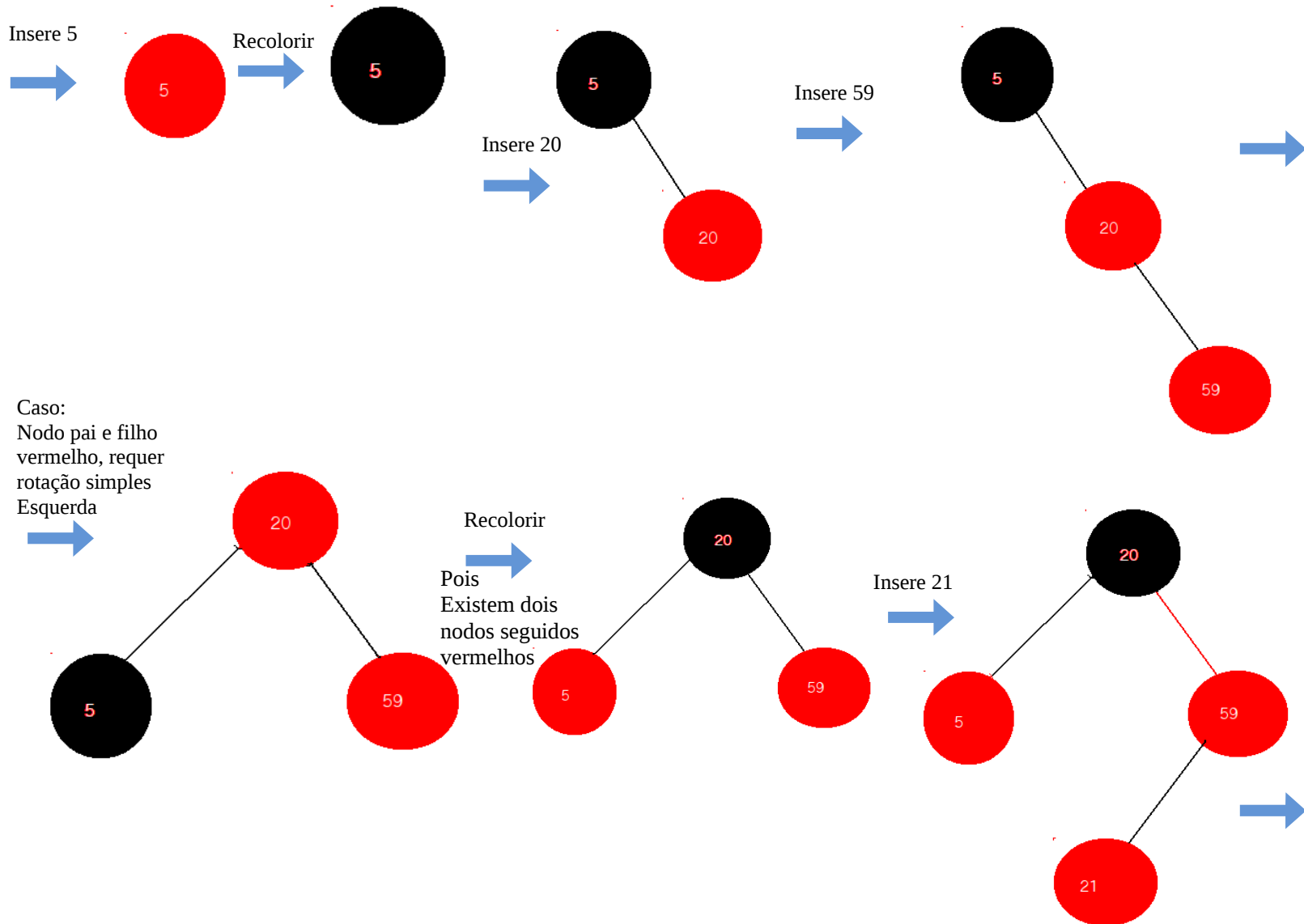


Relatório do Trabalho da Árvore Rubro-Negra da matéria de Algoritmos e Estruturas de dados I

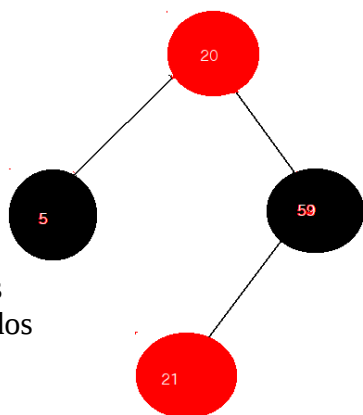
por: Anna Gabriele

Inserção: 5, 20, 59, 21, 31, 28, 49

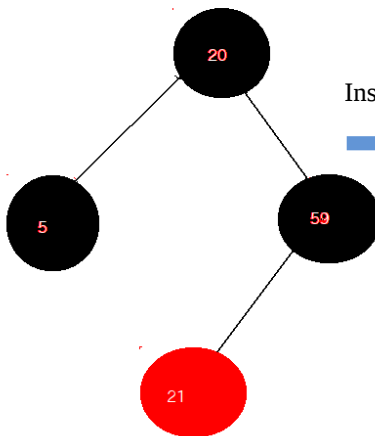


Recolorir

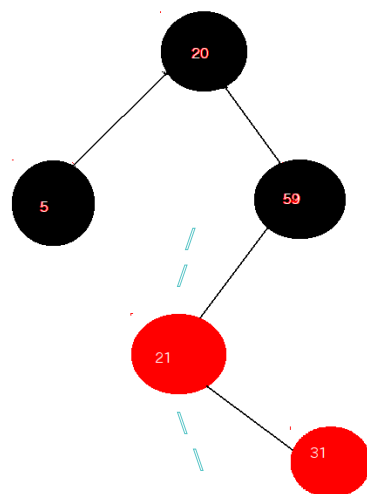
Pois
Existem dois
nodos seguidos
vermelhos



Recolorir
Nodo raiz
deve ser
preto

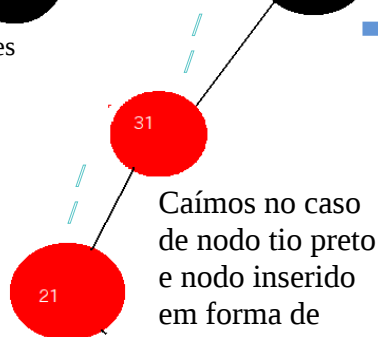


Inserir 31



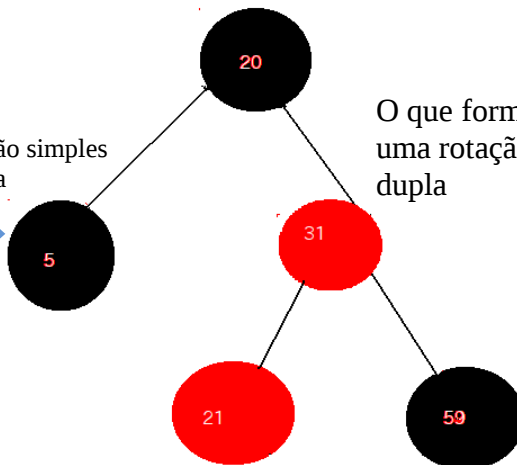
Caso: Nodo tio
preto e nodo
inserido em
forma de
triângulo

Rotação simples
Esquerda



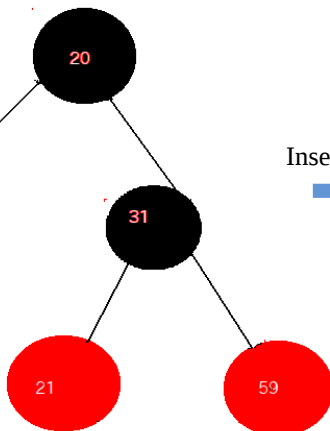
Caímos no caso
de nodo tio
preto e nodo inserido
em forma de
linha reta.

Rotação simples
Direita

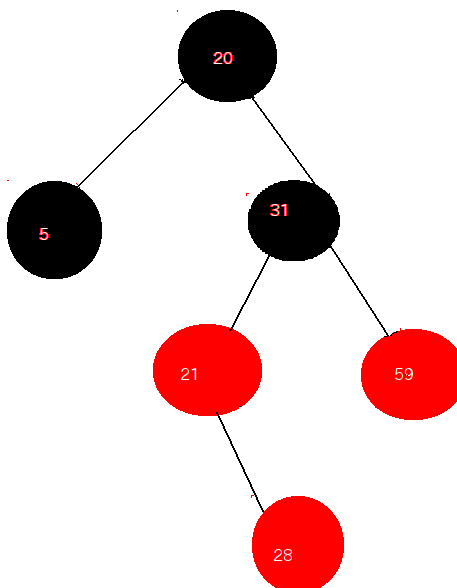


O que forma
uma rotação
dupla

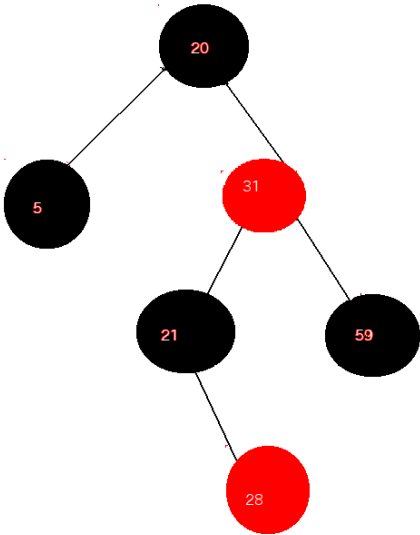
Recolorir



Inserir 28



Recolorir



Inserir 49

