Right
Rotation

q

P

h+1
α

h
β

h
γ

unbalanced!

P

h+1
α

h
β

h
γ

a

Rebalancing must return root of subtree

r

P

a

h
α

h
β

h-1

n

r

q

P

a

h
α

h
β

h-1

h

n

1

2

a

P

r

α

β

γ

η