

B3R-Tree

→ Node Structure

1. Representation:

PARENT NODE		
K_A K_Z		
LEFT CHILD	CENTER CHILD	RIGHT CHILD

Attributes

[Pointers \rightarrow L, C, R Child Nodes
 Keys \leftarrow K_1 & K_2
 leaf

2. Insert Keys:

	<div> <div>null</div> <div>null</div> </div>	<div> <div>K_1</div> <div>null</div> </div>	<div> <div>null</div> <div>key</div> </div>
1	$K[0] \leftarrow K_1$	$K[1] ? \text{null} ?$	$K[0] ? \text{null}$
2		$K_1 < K_2 ?$	$K_1 > K_2$
3		$K_1 \ K_2 \mid K_2 \ K_1$	$K_1 \ K_2 \mid K_2 \ K_1$

3. Remove

removeKey (K)

```
for i in Keys.length
```

1) Key [.] == K
Key [i] ← null
ex. 1

IF KEY NEEDED

pop key (K)

```
for i in Keys.length
```

```

1) Key[i] == k && ! = null
   pop ← Key[i]
   Key[i] ← null
   exit

```

get in rule.