

Tutorial2

Bhupendra Kumar Agarwal (13115036)

February 6, 2017

Contents

4.1 a

$$T(n) = 2T(n/2) + n^4 \quad (1)$$

```
[tikz,border=10pt]standalone forest
for tree= draw, align=center [root [child [grandchild [great
-grandchild] [great
-grandchild] [great
-grandchild] | [grandchild, calign with current] [grandchild [great
-grandchild] [great
-grandchild] [great
-grandchild] | | [child [grandchild [great
-grandchild] [great
-grandchild] [great
-grandchild] | [grandchild, calign with current] [grandchild [great
-grandchild] [great
-grandchild] [great
-grandchild] | | [child [grandchild [great
-grandchild] [great
-grandchild] [great
-grandchild] | [grandchild, calign with current] [grandchild [great
-grandchild] [great
```

-grandchild] [great
-grandchild] []]