

## Exercises 7

软件工程一班 张逸松 57 号

December 9, 2019

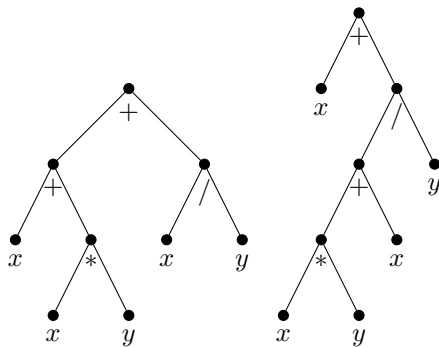
3.5

a -> b -> e -> k -> l -> m -> f -> g -> n -> r -> s -> c -> d -> h -> o -> i -> j -> p -> q

3.6

d -> f -> g -> e -> b -> c -> a

3.8



a)  $++x*xy/xy, +x/+*xyxy$

b)  $xyx*+xy/+, xxy*x+y/+$

c)  $(x+xy)+(x/y), x+((xy+x)/y)$

4.3

a -> b -> c -> d -> e -> f -> g -> i -> j -> h -> l -> k

4.9 c)

$K_{1,6}$  is already a spanning tree.

4.16

Take each connected component of a simple graph. The union of spanning trees of those connected components is the spanning forest.

## 5.3

