Situation 2 DOUBLET-ROTATION h (d) = 1+ max (h(b), h(e)) h(b) = h(e) + 2h(d) = 1 + h(b) $\frac{1}{2}\left[h(c) = h(a) + 1\right]$ h(b) = 1 + h(c) = h(a) + 2left rotale (b) followed by right rotate (d). Situation then: $h'(\mathbf{G}\mathbf{x}) = h(\mathbf{c}\mathbf{x})$ h'(a) = h(a) h'(e) = h(e) $h'(c_y) = h(c_y)$ h'(6) = 1+ max (h'(a), h'(cx)) = 1+ h 1 (a) = 1+ $l_1(a)$ = 4(6)-1 h'(d) = 1 + max (h'(cg), h'(e)) = 1 + max (h (cy), h(e)) since $h(y) \leq h(b)-2$ = 1 + h(e)= h(e) + 2-2= h(e)= 4 h(6)-1= h(d)-2h'(c) = 1+ max h'(b), h'(d)) = 1+ h' (b) | since h'(a)= h(a)=2 = h'(b) = h(b)=h(c)+1Summary 41(b) = h(b)-1 = h(d)-1= 4'(c) = 6 (c)+1 h (c) = h(c)+1 =h(t)-1h'(d) = h(d) - 2is "the top"