Node1 $E(s) = -\frac{t}{12} \log \left(\frac{b}{12} \right) - \frac{t}{12} \log \left(\frac{b}{12} \right)$ 10 Gain (5, A) = 1 - 5 (0.99) - 2(1) - 3 (0.92) 2 0.2 E = - 2 log (2) E = -1 /oy (1) -5/09(3) -2 log (3) > 0.81

= 0.97

 $Gai_{10} \left(S_{1}A2 \right) = 1 - \frac{4}{12} \left(0.81 \right) - \frac{2}{12} \left(1 \right)$ = 0.5L

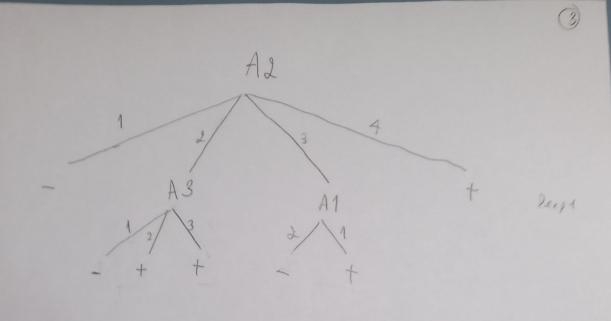
Gain (5, 43) = 1 - $\frac{5}{12}(0.97)$ - $\frac{6}{12}(1)$ = 0.095

Nodel iden Az

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Node Deagl (2) id A1 A2 A3 3 3 2 1 9 1 2 2 10 1 2 3 12 3 2 3	T A1 (4) t / 3	$-\frac{3}{4} \frac{19(3)}{9(3)} = 0.81$ $A3$ $1 $	2)
Node Deep 1 (3) 1d A1 A2 A3 T 3 8 3 1 - 11 1 3 1 f	A1 1 0 1 0 E20 E20 Gair(SA1) = 1	A3 1 1 1 5 - 1 Gain(5; A3) = 0	

Nede Deep 1 (3) 1800 A1



Ans.

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