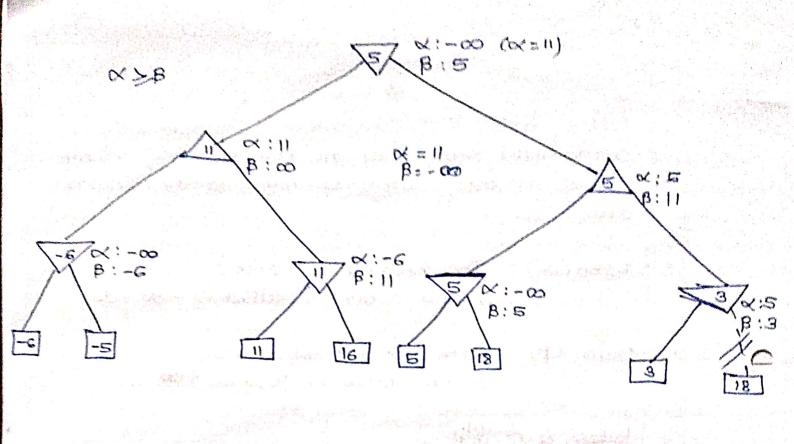
K.G.C.E. Karjat - Raigad

## Alpho-Bela

Page No. :

Date:

KGCEKGCEKGCEK	GCEKGCE	EKGCEKGCEKGCEKGCEKGCEKGCEKGCEKGCEKGCEKGC
***	-	
rats or		Alpha - Beta Pruning - Alpha bela pruning is
		a modified session of the min max algorithum.
-	100	It is an optimization technique for the minman
	1	algom.
-		
1	<u>  - </u>	Alpha (x) = The best (high- value)
100		= Initial value of alpha is -00 -00
\$1.50 m	-	Beta (B) = The best (highest Value)
	b	= initial Value is Beta is +co
44.4		र महामहीतेन भारतता ॥ र 🖘 🕻 😘
	_	Rules & Conditions:
	1)	The max player will only update the Value
		of alpha.
	Compression	
	2)	The min player will only update the Value of
		a. 1 1 2 2 1 1
te :	\$	
	3)	we will only pass the alpha , boto Values to the
		child modes.
RESERVED TO THE STATE OF THE ST		
	4)	Mode Values will be passed to upper nodes
	.,	insted of Values of alpha and beta.
		INS 488 OF VOLUES OF CAIN SING BEFOR
		Condition to prune: a>b or b\sq
		when alpho is greater than or equal to beta.



Page	No	4		
ALIE THE THE PARTY OF	<b>PRODUCT</b>		NICE THE	
Date				

KGCEKGCEKGCEKGC	EKGCEKGCEKGCEKGCEKGCEKGCEKGCEKGCEKGCEKGC
1)	$(-\infty, -6) = -6$ $(-\infty, -5) = -5$ — Max (Boltomileft) (-6, -5) = -6
2)	$\beta(\omega,11)=11$ - min(left)
3)	$x(-\infty, 11) = 11$ - $max(Top)$ $x(-\infty, 16) = 16$ - $max(night)$ x(11,16) = 11 - $max(bottom left)$
4	$\propto (-\infty, \pi)$ )=11=11=11=1=1=1=1=1=1=1=1=1=1=1=1=1=1
5)	$\alpha$ (11) $\beta(-\infty,5)=5$ — mox (bottom Top)
6)	$\propto (-\infty.5)=5$ - max (bottom left mode) $\propto (-\infty.78)=18$ - max (bottom right) node)
7)	Shopsypi3 - markbottom left node)  Bloo(5)=5
	(3,18) = 18 $(3,18) = 3$ $(3$
	$\therefore \times > 8$ 5 o the next node is pruned. $\times = 3$ $\Rightarrow 8 = \infty \times (3,11) = 11  \text{dol}$