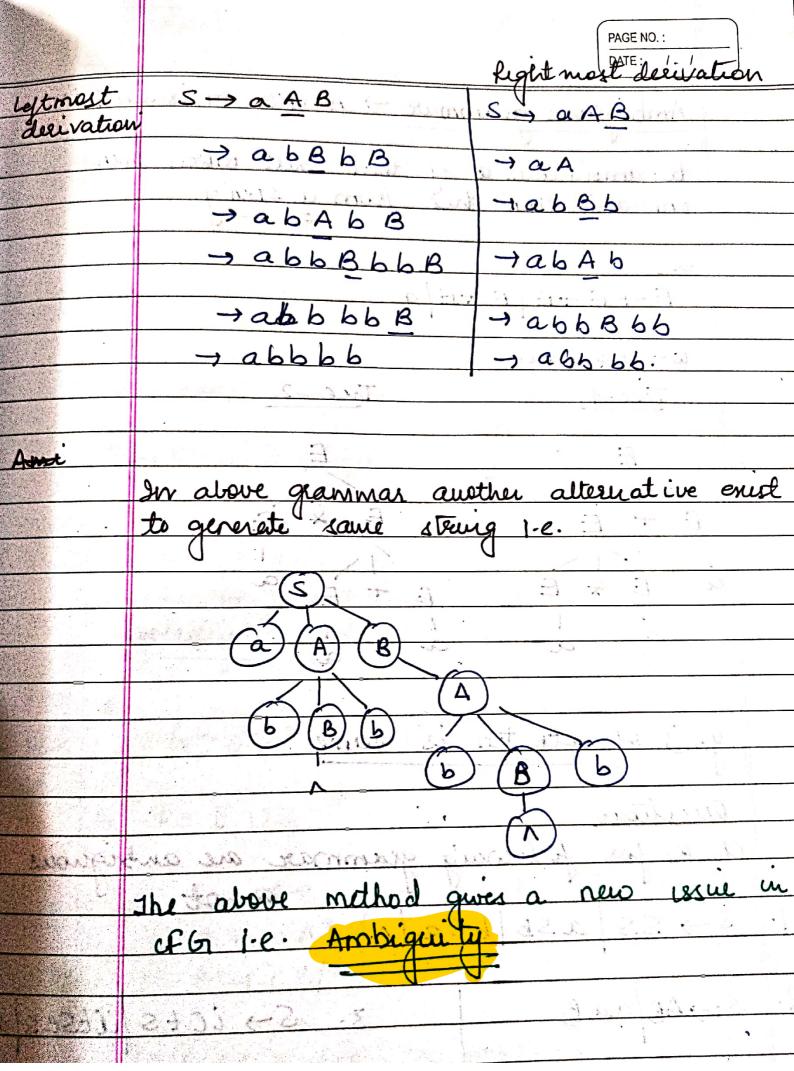
	Leftmost and Rightmost Derivations
Veri 3	
	A CF67 that is not linear (i.e. having
	pour man are MI in a production
	can have more than one derivation
	deparding on NT choosen for
odien	repacement.
ي ا	Every regular germanic is the A
	il in coch its said to be leftmost
	chooses to defined variable is
	A derivation is said to be leftmost if in each step leftmost variable is choosen for replacement
<u> </u>	if rightmost variable in al and
ر. ،	ef riightmost variable is choosen then it rightmost derivation
	Ex. Super Su
	$S \to aAD \tag{S}$
	$S \rightarrow aAB$ $A \rightarrow bBb$
- the	The case of the state of the st
	- abbbb
	(Acr) , (A)
	(b) (b)
	geld (Read distribution)
	yeld (Reading leaf of the how the
1,6,4	from L-IR) gwes



, a CCG G 18 said to
Ambiguous grammar -> A CFG G1 18 said to
be ambiguous 18 et there exist morce than
to andiavous is ef there exist more man
be ambiguous 18 et there essent une one derivation tree from a string
ane derivation vier 7
6x
ETE+E EXE a
Jo dodo 1 Jan 1 Ja
w = a + a * a
Tree-1 True-2
1760
E
The above silvings and it is
F + F E E E E E
ETE 11 CLASSIC TITLE TO THE PARTY OF THE PAR
1 a
Q E X E E + E
à a a a a
4.01 of both tree is same
The state of the s
O Pa.
check for following grammar are ansignous
a production of not
S-> SS aSb bSa Mill
S-AB aab 3. S-> icts ictses a
$A \rightarrow a \setminus Aa \setminus C \rightarrow b$
H. Sacrela
Scanned with CamScanne

PAGE NO.: Am biquous -> umambiquous for L is grammar is ambiguous we can general unambiguous version by uniposing some rules: E - E + E | E + E | E - E | E | E T E | a mais grangement grangement grangement -> We can generate unambiguous version by: Procedure - The NT reaser to Associativity R-Line leaf noche has high HI precedence: LAR M L -R +-L |] . -> Same NT at LHS make qualor left-associative similarly same NTat RHS mane it right associative So unansbiguous grammaris $P \rightarrow F \uparrow P \mid F$ $T \to T * P | T / P | P$ $E \to E + T | E - T | T \rightarrow A$ Scanned with CamScanner