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A -- X1X2 Xn

First (A) will contain (first (xi) - [E]) if First (xi)

contains E & i < i

B12+(E) = E

First set of any non-terminal may contain

11 € 11

(9) 5-0 ABC #Fite(A)= {9,6,63

A-0 9 [6] # Fisst (B) = { 9 d, e}

B-0 clase # Fibst (c)= { efte3

c- 0 6/4/6

Now, First(s)= (First(A)-{E3) U (First(B)-{E3)

U(A854(C)- {E}) U (E)

= {e, 9, b, ad, af} And

(b) E-OTE1 #FIXT+(F) = {ia, e}

EI -0 * TE' [E # FILE [T')= {+, E}

T-> FT' # Fiff(T)= (Fight(F)-[E])

TI-+ E|+FTI U(F3-(T)-{E}) U[E]

 $F \rightarrow ide = \{f, id, e\}$

First(E1)= {E, *3

Fits+(E)= {+, id, *, e}

Ans