(26) Backus - Naur Form / Extended Backus - Naur Form

This is a syntax to write down the specification of

context-free grammar.

Hospith [Use]: In NUS. Prog. Lang mode (e.g. CS2104) I in general to specify Programming Languages. See Source (CS11015)
Language Specification for example.

An attempt

1 To to define a well-formed formula, for example: (Takon from

(Literals are written in red)

proposition nariable = // 1. (Can't be defined)

chante \_ formula = P proposition \_ variable , 1 proposition \_ variable };

proposition \_ variable , 2 proposition \_ variable };

quaretifier := V | 3;

Wff := true I false &

I proposition \_variable

1 atomic \_ formula

| ~ wff | wff \ wff | wff \ wff | wff | wff \ wff | wf

proposition \_variable := ? variables that take the /falle values?; attomic-formula := ? predicate name followed by a list of proposition variables?;

In which, := 15 "defined as"

1 15 "or"

?...? TS to define specially (e.g. cannot be defined
; 15 end of atatement. explicitly)

This is a small subset of EBNP syntax you can come across in an actual language definition.