Figure 1.1

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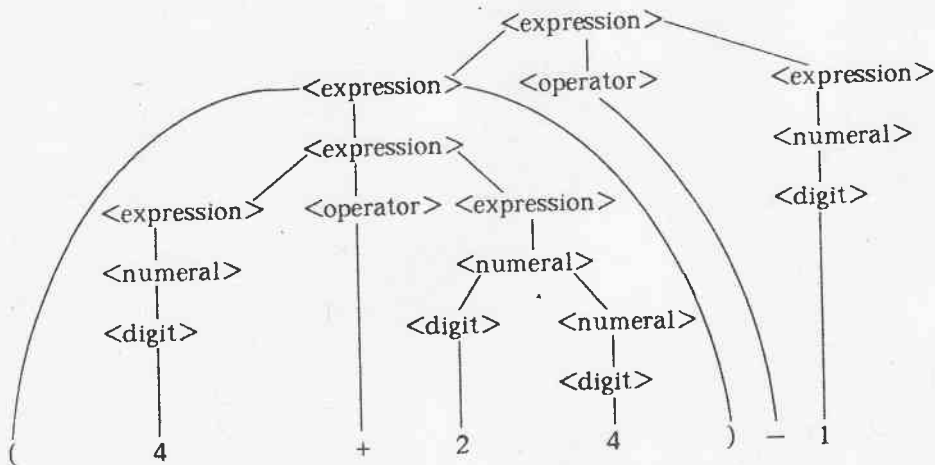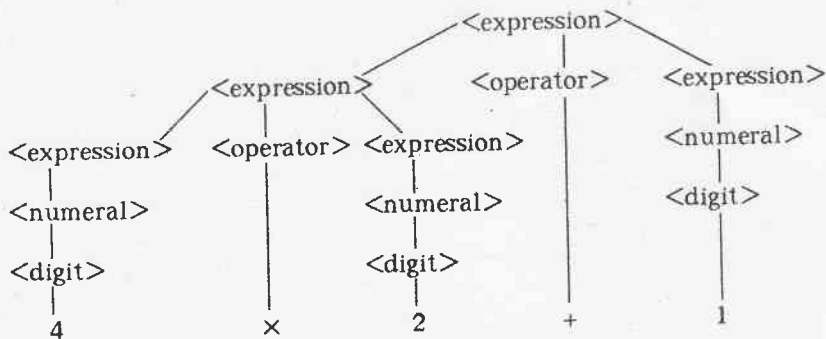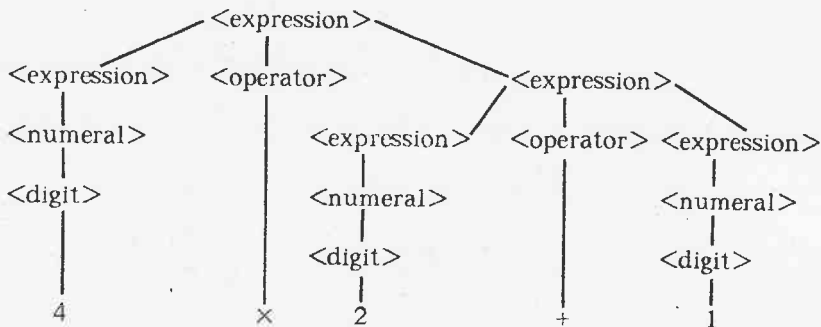## Figure 1.2

Figure 1.3

(The rules for <numeral> and <digit> remain the same.) This definition solves the ambiguity problem, and now there is only one derivation tree for $4 \times 2 + 1$, given in Figure 1.4. The tree is more complex than the one in Figure 1.2 (or 1.3) and the intuitive structure of the expression is obscured. Compiler writers

Figure 1.4