

Homework

- 6.1 The CPU time and disk I/O's of seven programs are shown in Table 6.7. Determine the equation for principal factors.
- 6.2 Using a spanning-tree algorithm for cluster analysis, prepare a dendrogram for the data shown in Table 6.7. Interpret the result of your analysis.

TABLE 6.7 Data for Exercises 6.1 and 6.2

Program Name	Function	CPU Time	I/O's
TKB	Linker	14	2735
MAC	Assembler	13	253
COBOL	Compiler	8	27
BASIC	Compiler	6	27
Pascal	Compiler	6	12
EDT	Text editor	4	91
SOS	Text editor	1	33