

PART II PARALLEL DATABASE AND KNOWLEDGE BASE SYSTEMS

In this part of the book, we discuss issues concerning parallel database and knowledge base systems. Since knowledge base systems are database systems extended with a rule language, parallel databases are the core for building a parallel knowledge base system. Parallel production systems are also presented since they give insight to the various architectural, optimization, and performance alternatives of parallel rule execution. Finally, following the previous part of the book, we present a parallel object-oriented knowledge base system, named PRACTIC^{KB}, that adapts the rule integration techniques of DEVICE onto a parallel object-oriented database system.