



# Parallel, Object-Oriented, and Active Knowledge Base Systems (Advances in Database Systems)

*Ioannis Vlahavas, Nick Bassiliades*

Download now

[Click here](#) if your download doesn't start automatically

# Parallel, Object-Oriented, and Active Knowledge Base Systems (Advances in Database Systems)

*Ioannis Vlahavas, Nick Bassiliades*

## **Parallel, Object-Oriented, and Active Knowledge Base Systems (Advances in Database Systems)**

Ioannis Vlahavas, Nick Bassiliades

Knowledge Base Systems are an integration of conventional database systems with Artificial Intelligence techniques. They provide inference capabilities to the database system by encapsulating the knowledge of the application domain within the database.

Knowledge is the most valuable of all corporate resources that must be captured, stored, re-used and continuously improved, in much the same way as database systems were important in the previous decade. Flexible, extensible, and yet efficient Knowledge Base Systems are needed to capture the increasing demand for knowledge-based applications which will become a significant market in the next decade.

Knowledge can be expressed in many static and dynamic forms; the most prominent being domain objects, their relationships, and their rules of evolution and transformation. It is important to express and seamlessly use all types of knowledge in a single Knowledge Base System.

*Parallel, Object-Oriented, and Active Knowledge Base Systems* presents in detail features that a Knowledge Base System should have in order to fulfill the above requirements.

*Parallel, Object-Oriented, and Active Knowledge Base Systems* covers in detail the following topics:

- Integration of deductive, production, and active rules in sequential database systems.
- Integration and inter-operation of multiple rule types into the same Knowledge Base System.
- Parallel rule matching and execution, for deductive, production, and active rules, in parallel Expert, Knowledge Base, and Database Systems.
- In-depth description of a Parallel, Object-Oriented, and Active Knowledge Base System that integrates all rule paradigms into a single database system without hindering performance.

*Parallel, Object-Oriented, and Active Knowledge Base Systems* is intended as a graduate-level text for a course on Knowledge Base Systems and as a reference for researchers and practitioners in the areas of database systems, knowledge base systems and Artificial Intelligence.

 [Download Parallel, Object-Oriented, and Active Knowledge Ba ...pdf](#)

 [Read Online Parallel, Object-Oriented, and Active Knowledge ...pdf](#)

## **Download and Read Free Online Parallel, Object-Oriented, and Active Knowledge Base Systems (Advances in Database Systems) Ioannis Vlahavas, Nick Bassiliades**

---

### **From reader reviews:**

#### **Deborah Lake:**

The book untitled Parallel, Object-Oriented, and Active Knowledge Base Systems (Advances in Database Systems) is the book that recommended to you to see. You can see the quality of the guide content that will be shown to a person. The language that creator use to explained their way of doing something is easily to understand. The article writer was did a lot of research when write the book, so the information that they share to you personally is absolutely accurate. You also will get the e-book of Parallel, Object-Oriented, and Active Knowledge Base Systems (Advances in Database Systems) from the publisher to make you considerably more enjoy free time.

#### **Betty Epperson:**

People live in this new time of lifestyle always attempt to and must have the free time or they will get great deal of stress from both lifestyle and work. So , when we ask do people have spare time, we will say absolutely sure. People is human not really a robot. Then we question again, what kind of activity are you experiencing when the spare time coming to you of course your answer will certainly unlimited right. Then do you ever try this one, reading textbooks. It can be your alternative inside spending your spare time, typically the book you have read is Parallel, Object-Oriented, and Active Knowledge Base Systems (Advances in Database Systems).

#### **Lesley Dwyer:**

Playing with family in a very park, coming to see the marine world or hanging out with close friends is thing that usually you will have done when you have spare time, subsequently why you don't try issue that really opposite from that. Just one activity that make you not feeling tired but still relaxing, trilling like on roller coaster you have been ride on and with addition details. Even you love Parallel, Object-Oriented, and Active Knowledge Base Systems (Advances in Database Systems), you are able to enjoy both. It is fine combination right, you still want to miss it? What kind of hang-out type is it? Oh seriously its mind hangout fellas. What? Still don't have it, oh come on its referred to as reading friends.

#### **Thomas Baier:**

As we know that book is vital thing to add our expertise for everything. By a guide we can know everything we want. A book is a set of written, printed, illustrated or even blank sheet. Every year has been exactly added. This publication Parallel, Object-Oriented, and Active Knowledge Base Systems (Advances in Database Systems) was filled with regards to science. Spend your time to add your knowledge about your research competence. Some people has different feel when they reading any book. If you know how big benefit from a book, you can sense enjoy to read a reserve. In the modern era like at this point, many ways to get book that you just wanted.

**Download and Read Online Parallel, Object-Oriented, and Active Knowledge Base Systems (Advances in Database Systems) Ioannis Vlahavas, Nick Bassiliades #KLXZ96GRV0U**

## **Read Parallel, Object-Oriented, and Active Knowledge Base Systems (Advances in Database Systems) by Ioannis Vlahavas, Nick Bassiliades for online ebook**

Parallel, Object-Oriented, and Active Knowledge Base Systems (Advances in Database Systems) by Ioannis Vlahavas, Nick Bassiliades Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Parallel, Object-Oriented, and Active Knowledge Base Systems (Advances in Database Systems) by Ioannis Vlahavas, Nick Bassiliades books to read online.

### **Online Parallel, Object-Oriented, and Active Knowledge Base Systems (Advances in Database Systems) by Ioannis Vlahavas, Nick Bassiliades ebook PDF download**

**Parallel, Object-Oriented, and Active Knowledge Base Systems (Advances in Database Systems) by Ioannis Vlahavas, Nick Bassiliades Doc**

**Parallel, Object-Oriented, and Active Knowledge Base Systems (Advances in Database Systems) by Ioannis Vlahavas, Nick Bassiliades Mobipocket**

**Parallel, Object-Oriented, and Active Knowledge Base Systems (Advances in Database Systems) by Ioannis Vlahavas, Nick Bassiliades EPub**