



# 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 Base Sy ...pdf](#)

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

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

---

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

---

### **From reader reviews:**

#### **Jonathan McLean:**

Book is usually written, printed, or outlined for everything. You can know everything you want by a book. Book has a different type. As we know that book is important factor to bring us around the world. Next to that you can your reading ability was fluently. A e-book Parallel, Object-Oriented, and Active Knowledge Base Systems (Advances in Database Systems) will make you to end up being smarter. You can feel much more confidence if you can know about everything. But some of you think that open or reading some sort of book make you bored. It is far from make you fun. Why they are often thought like that? Have you trying to find best book or ideal book with you?

#### **Tracy Lindsey:**

Playing with family in the park, coming to see the ocean world or hanging out with pals is thing that usually you will have done when you have spare time, and then why you don't try factor that really opposite from that. 1 activity that make you not sense tired but still relaxing, trilling like on roller coaster you are ride on and with addition of information. 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 would like to miss it? What kind of hangout type is it? Oh come on its mind hangout guys. What? Still don't buy it, oh come on its known as reading friends.

#### **Cindy Knutson:**

Many people spending their moment by playing outside with friends, fun activity using family or just watching TV the entire day. You can have new activity to enjoy your whole day by examining a book. Ugh, do you consider reading a book can really hard because you have to take the book everywhere? It ok you can have the e-book, taking everywhere you want in your Cell phone. Like Parallel, Object-Oriented, and Active Knowledge Base Systems (Advances in Database Systems) which is keeping the e-book version. So , why not try out this book? Let's notice.

#### **Patricia Briggs:**

A lot of guide has printed but it differs from the others. You can get it by net on social media. You can choose the most effective book for you, science, witty, novel, or whatever by simply searching from it. It is called of book Parallel, Object-Oriented, and Active Knowledge Base Systems (Advances in Database Systems). You can contribute your knowledge by it. Without leaving behind the printed book, it may add your knowledge and make you actually happier to read. It is most significant that, you must aware about publication. It can bring you from one place to other place.

**Download and Read Online Parallel, Object-Oriented, and Active Knowledge Base Systems (Advances in Database Systems) Ioannis Vlahavas, Nick Bassiliades #KZVIAC671XJ**

## **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**