Smalltalk • Chess - Man vs. Machine • Buyers Guide

16.4 2002

PC AI

Where Intelligent Technology
Meets the Real World
www.pcai.com

Knowledge Representation and Management

Microsoft Research a Reality - Machine Translation

Backward Chaining - Expert Systems Fundamentals

Fuzzy Logic Concepts

Knowledge Based Adaptive Training

A Theory of Intelligent Thought

Also:
AI Directory,
Data Mining,
Expert Systems Development,
Intelligent Tools,
Languages,
Modeling and Simulation,
Neural Networks,
Object Oriented Development,
Training and Conferences

QMC TNA PROGRAM

For Windows

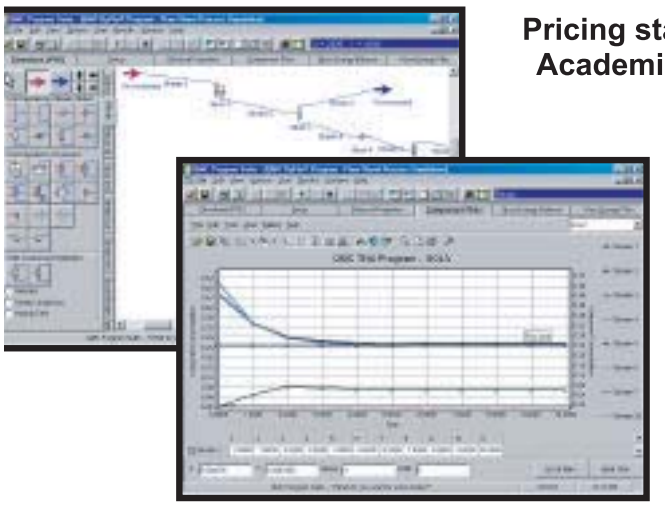
The QMC Thermal Network Analyzer (TNA) Program is a differential equation analyzer for thermal, radiation, fluid flow, stress, and process systems using a finite difference numerical integration technique. Steady state & transient analysis are provided through an easy block and stream flow sheet graphical interface. The QMC TNA Program provides thermal and fluid component design to full system performance. Based on the NASA SINDA methodology, graphical time dependent results provide solution techniques and accuracy for precise assessment and confirmation. Interfaces with MS Word & Excel. 100% satisfaction.

THERMAL NETWORK ANALYZER

- Process Design
- Process Control
- Optimization
- Reliability
- Simulation
- Sensitivity Studies
- Heat Transfer
- Power Generation
- Energy Systems
- Fire Protection
- Pipeline Systems
- Fluid Flow

- Chemical
- Pharmaceutical
- Aerospace
- Petrochemical
- Automotive
- Pulp / Paper
- Refining
- Utilities
- Manufacturing
- Mechanical / Civil
- Electrical
- Agricultural

"WHAT DO YOU WANT TO SOLVE TODAY?"



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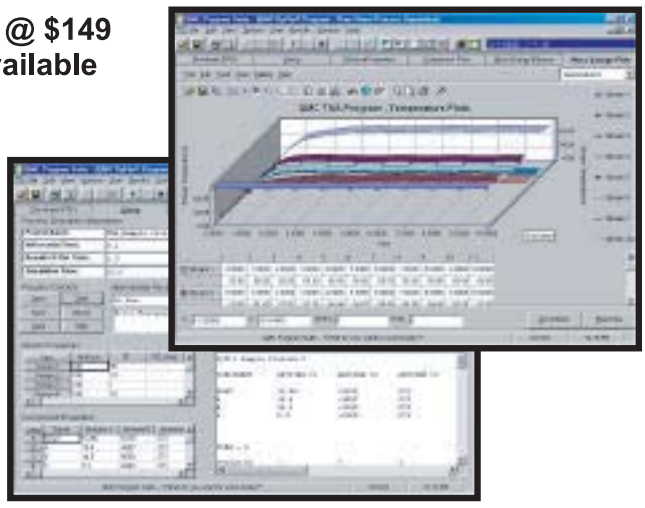

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1995

9 #1 Intelligent Tools
9 #2 Fuzzy Logic / Neural Networks
9 #3 Object Oriented Development
9 #4 Knowledge-Based Systems
9 #5 AI Languages
9 #6 Business Applications

1996

10 #1 Intelligent Applications
10 #2 Object Oriented Development
10 #3 Neural Networks / Fuzzy Logic
10 #4 Knowledge-Based Systems
10 #5 Genetic Algorithm & Modeling
10 #6 Business Applications Sold Out

1997

11 #1 Intelligent Applications (Intelligent Web Search Engines)
11 #2 Object Oriented Development (Expert Systems on the Web)
11 #3 Neural Nets / Fuzzy Logic (Expert Systems)
11 #4 Knowledge-Based Systems (Data Mining)
11 #5 Data-Mining and Genetic Algorithm (Expert Systems)
11 #6 Business Applications (Neural Networks)

1998

12 #1 Intelligent Tools & Languages (Automated Agents)
12 #2 Object Oriented Development (Java Based AI)
12 #3 Neural Nets / Fuzzy Logic (Modeling)
12 #4 K nowledge-Based Systems (Modeling Methodology)
12 #5 Data Mining and Discovery (Knowledge Management)
12 #6 Business Applications (Neural Networks)

1999

13 #1 Intelligent Tools & Languages (Knowledge Verification)
13 #2 Rule and Object Oriented Development (Data Mining)
13 #3 Neural Nets & Fuzzy Logic (Searching)
13 #4 Knowledge-Based Systems (Fuzzy Logic)
13 #5 Data Mining (Simulation and Modeling)
13 #6 Business Applications (Machine Learning)

2000

14 #1 Intelligent Applications
14 #2 Intelligent Web Applications & Object Oriented Development
14 #3 Intelligent Web Portals, Neural Networks and Fuzzy Logic
14 #4 Knowledge Management, Expert Systems, Intelligent EBusiness
14 #5 Data Mining, Modeling & Simulation, Genetic Algorithms

2001

15 #1 Intelligent Applications
15 #2 AI Web Apps, OOD, AI Language
15 #3 Intelligent Business Rules & Fuzzy Logic (Petri Nets in Prolog, Knowledge for Sale)
15 #4 Knowledge Management and Decision Support (Brief History of AI)
15 #5 Data Mining, Modeling, Simulation and Analysis, Natural Language Processing
15 #6 AI to Combat Terrorism (Rule-Based Expert Systems, Hal - 2001, Multi-agent Network Planning)