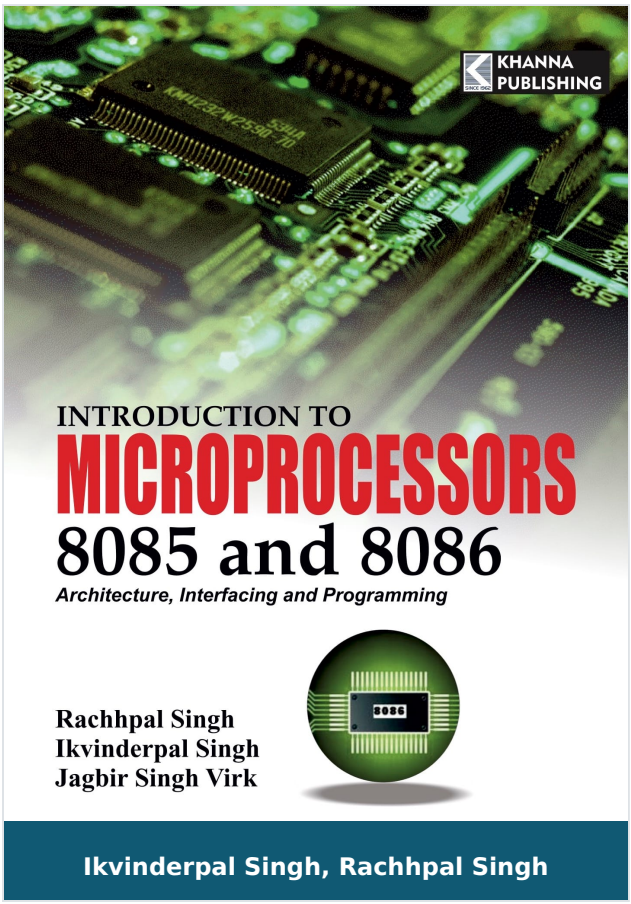


Introduction to Microprocessors 8085 and 8086

Author :	Ikvinderpal Singh, Rachhpal Singh
ISBN 13 :	978-93-80016-57-3
ISBN 10 :	9380016573
E-ISBN 13 :	978-93-80016-57-3
Edition :	First
Pages :	476
Type of book :	Physical
Year :	2025
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 550.00
Categories :	Electrical, Electronics & Communication Engineering, Book Store
Condition Type :	New
Country Origin :	India

Product Description

Written with the beginner in mind, this book provides an exceptionally clear and precise detail of microprocessors. Its approach is explanatory and language is lucid and communicable. Each and every microprocessor described with the help of internal architecture its pin diagram and interfacing to have clear ideas lucid presentation of instruction set of each microprocessor.

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- Instruction Set
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- DMA Controller
- Programmable Peripheral Interface
- 8253/8254 Programmable Timer/Counter
- Programmable Interrupt Controller
- USART
- RS232C

Author

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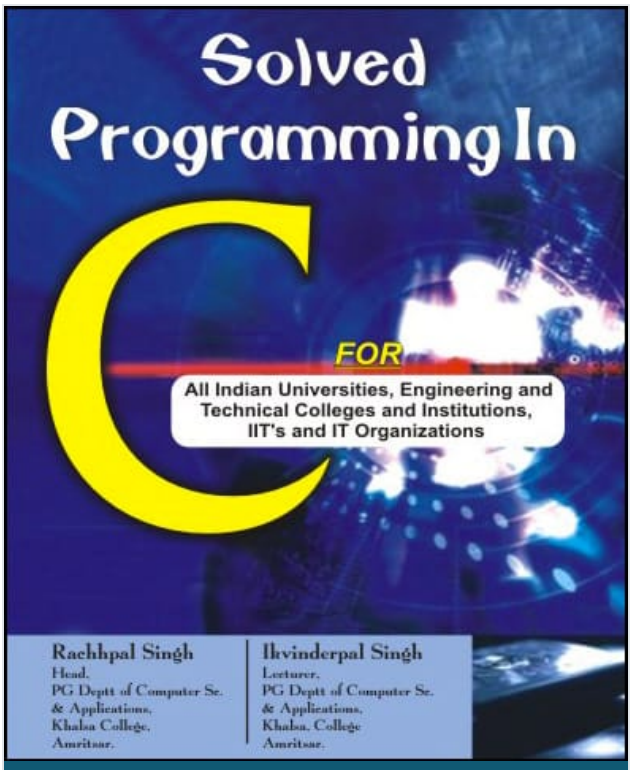
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Ikvinderpal Singh, Rachhpal Singh

Solved Programming in C

Author :	Ikvinderpal Singh, Rachhpal Singh
ISBN 13 :	978-93-80016-19-1
ISBN 10 :	9380016190
E-ISBN 13 :	978-93-80016-19-1
Edition :	First
Pages :	520
Type of book :	Physical
Year :	2012
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 350.00
Categories :	Computer Science Engineering, OBJECTIVE TYPE BOOKS, Book Store
Condition Type :	New
Country Origin :	India

Product Description

This book blends concepts with real practical applications. Simple and lucid style trains the reader not only in developing application programs but also familiarizes with system level programming. Contains about 1600 solved simple as well as complex programming problems. Include real life solved examples. Contains program regarding all header files functions used in C programming like studies math etc. All macro functions are covered with suitable programs macro basic, macro constant, macro string etc. Contain all data types programming descriptions. All operations are explaining in the form of simple programs. It covers all function of console I/O and file I/O. Control statements, array, strings, functions, pointers, dynamic memory allocation is described using simple as well as system level programming. Containing graphic programming.

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- Files
- Macros in C
- Header Files in C
- Graphics Programming

Author

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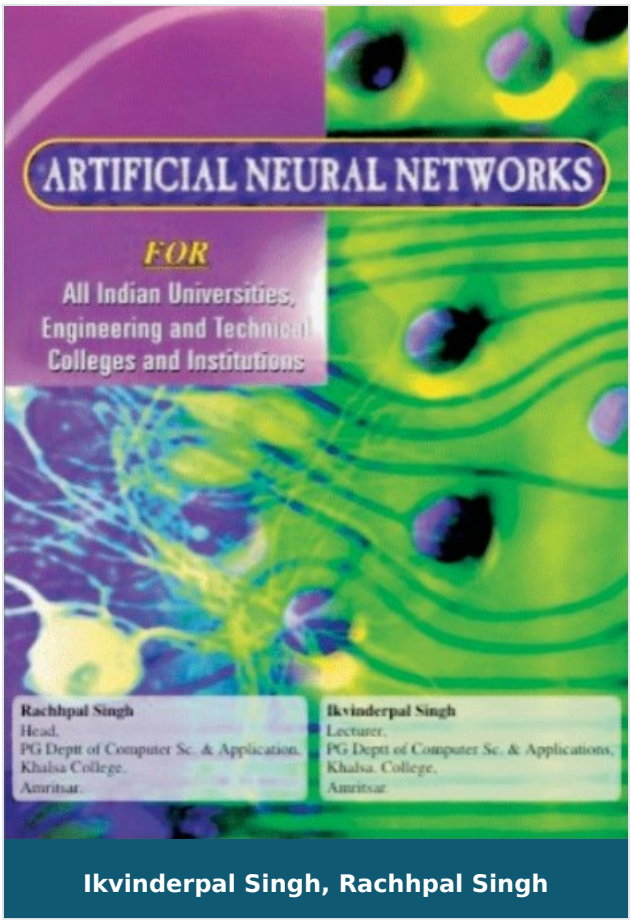
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Ikvinderpal Singh, Rachhpal Singh

Artificial Neural Networks

Author :	Ikvinderpal Singh, Rachhpal Singh
ISBN 13 :	978-93-80016-20-7
ISBN 10 :	9380016204
E-ISBN 13 :	978-93-80016-20-7
Edition :	1
Pages :	284
Type of book :	Physical
Year :	2013
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 275.00
Categories :	Computer Science Engineering, Book Store
Condition Type :	New
Country Origin :	India

Product Description

Written with the beginner in mind, this volume offers an exceptionally clear and thorough introduction to neural network at an elementary level. It provides the clear survey of basic neural network architectures and learning rules. In it, We emphasize mathematical analysis of networks, methods for training network, and application of neural network to practical engineering problems in speech recognition, stock market prediction and pattern recognition.

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- Bidirectional Associative Memory
- Case Studies

Author

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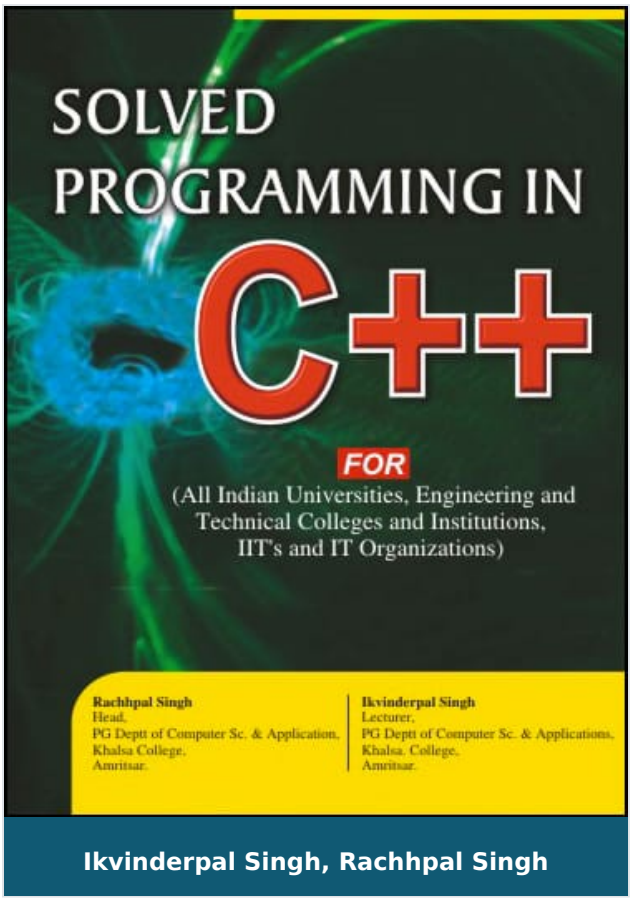
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Ikvinderpal Singh, Rachhpal Singh

Solved Programming in C++

Author :	Ikvinderpal Singh, Rachhpal Singh
ISBN 13 :	978-93-80016-18-4
ISBN 10 :	9380016182
E-ISBN 13 :	978-93-80016-18-4
Edition :	First
Pages :	880
Type of book :	Physical
Year :	2012
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 450.00
Categories :	OBJECTIVE TYPE BOOKS, Book Store
Condition Type :	New
Country Origin :	India

Product Description

This book blends concepts with real practical applications. Simple and lucid style trains the reader not only in developing application programs but also familiarizes with system level programming.

Salient Features:

1.Contains about 2200 solved simple as well as complex programming problems. Include real life solved examples.

2. Contains all data types programming descriptions like int array, bool, binary bit, float read, register variables etc.

3. It covers of all functions of cin and cout, cin manipulator, cout boolalpha, cout custom, cout scientific etc.

4. Include Classes , objectives, constructor and destructor with simple programming examples.

5. Each operator is overloaded using simple programs like overloaded unary binary operator, enum, square bracket, custom inserter etc.

6. Detail study of various types of inheritance and also explain polymorphism concept.

7. Each function file of I/O is described using simple programming, functions like binary file, file pointer, istream, ostream, iostream and file IO exception etc.

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