Mindluster Platform

About the course Algorithmic Implementation

Algorithmic Implementation course in hindi, in this course covers practical aspects of turning algorithms into functional code, emphasizing efficient execution techniques.

Programming Category's Courses

Course Lesson(27)

Lesson 1 : **Evolutionary Computation for Single and Multi Objective Optimization Intro Video**

Lesson 2 : **Lec 1 Introduction to Optimization**

Lesson 3 : **Lec 2 Introduction to Evolutionary Computation**

Lesson 4 : **Lec 3 Binary Coded Genetic Algorithm BGA**

Lesson 5 : **Lec 4 Operators and Simulations of Binary Coded Genetic Algorithm**

Lesson 6 : **Lec 5 Real Coded Genetic Algorithm RGA**

Lesson 7 : **Lec 6 Operators and Simulations of Real Coded Genetic Algorithm**

Lesson 8 : **Lec 7 Algorithmic Implementation of BGA and RGA**

Lesson 9 : **Lec 8 Particle Swarm Optimization PSO**

Lesson 10 : **Lec 9 Simulations and Algorithmic Implementation of Particle Swarm Optimization**

Lesson 11 : **Lec 10 Differential Evolution DE**

Lesson 12 : **Lec 11 Simulations and Algorithmic Implementation of Differential Evolution**

Lesson 13 : **Lec 12 Constrained Optimization Introduction and Optimality**

Lesson 14 : **Lec 13 Penalty Function Methods for Evolutionary Computing Techniques**

Lesson 15 :
Lec 14 Evolutionary Computing Techniques Separation of Objective Function and Constraints

Lesson 16 : **Lec 15 Simulations of Constraint Handling Techniques**

Lesson 17 : **Lec 16 Simulations of Constraint Handling Techniques Part 2**

Lesson 18 : **Lec 17 Introduction to Multi Objective Optimization Part 1**

Lesson 19 : **Lec 18 Introduction to Multi Objective Optimization Part 2**

Lesson 20 : **Lec 19 Multi Objective Optimization Ranking and Diversity**

Lesson 21 : **Lec 20 Classical Multi Objective Optimization Methods**

Lesson 22 : **Lec 21 Non Dominated Genetic Algorithm NSGA II Introduction**

Lesson 23 : **Lec 22 Non Dominated Genetic Algorithm NSGA II Simulations**

Lesson 24 : **Lec 23 Strength Pareto Evolutionary Algorithm SPEA2 Introduction**

Lesson 25 : **Lec 24 Strength Pareto Evolutionary Algorithm SPEA2 Simulations**

Lesson 26 : **Lec 25 Performance Assessment of Multi Objective EC Techniques**

Lesson 27 : **Lec 26 Closure of EC for Single and Multi Objective Optimization**

Related courses

React Projects Workshops

Node js back end JavaScript

Python programming language

Social Network Theme UI With Sass

Full Stack React Django

Build a Node js App With Sequelize

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