References

On-line
ETAPS 2003 Tutorial lecture notes

On-line Guide to Constraint Programming

Constraints Archive
http://www.cs.unh.edu/ccc/archive

Books
Constraint Satisfaction in Logic Programming

Foundations of Constraint Satisfaction

Programming with Constraints: An Introduction

Surveys
Constraint Programming: In Pursuit of Holy Grail

Constraint Logic Programming – A Survey

Algorithms for Constraint Satisfaction Problems: A Survey

A Tutorial on Constraint Programming

The Origins
The Programming Language Aspects of ThingLab, A Constraint-Oriented Simulation Laboratory

Logic Programming: Further Developments

Constraint Logic Programming

Networks of constraints fundamental properties and applications to picture processing

Sketchpad: a man-machine graphical communication system

Understanding line drawings of scenes with shadows

Binarisation
On the conversion between Non-Binary and Binary Constraint Satisfaction Problems

Non-Binary Constraints

On the equivalence of constraint satisfaction problems

Using auxiliary variables and implied constraints to model non-binary problems

Encodings of Non-Binary Constraint Satisfaction Problems

Local Search
Tabu Search for Maximal Constraint Satisfaction Problems

Tabu Search

Localizer: A Modelling Language for Local Search

Minimising conflicts: a heuristic repair method for constraint satisfaction and scheduling problems

Domain-independent extensions to GSAT: Solving Large Structured Satisfiability Problems

Solving constraint satisfaction problems using neural-networks

Search
Backtracking algorithms for constraint satisfaction problems; a survey

Performance Measurement and Analysis of Certain Search Algorithms
Dynamic Backtracking

Iterative Broadening

Increasing tree search efficiency for constraint satisfaction problems

Limited Discrepancy Search

Consistency techniques

Improving Domain Filtering using Restricted Path Consistency

Arc-consistency and arc-consistency again

Using constraint metadata to reduce arc consistency computation

Some practicable filtering techniques for the constraint satisfaction problem

Neighborhood inverse consistency preprocessing

Comments on Mohr and Henderson's path consistency algorithm

Consistency in networks of relations

The complexity of some polynomial network consistency algorithms for constraint satisfaction problems

Arc and path consistency revisited

Arc consistency for factorable relations

Singleton Consistencies

A filtering algorithm for constraints of difference in CSPs

Path Consistency Revised

A generic customizable framework for inverse local consistency

A generic arc-consistency algorithm and its specializations

Over-constrained problems

Modelling Soft Constraints: A Survey

Semiring-based Constraint Satisfaction and Optimisation

Semiring-based CSPs and Valued CSPs: Frameworks, properties, and comparison

Constraint Hierarchies

Propagation and satisfaction of flexible constraints

Uncertainty in constraint satisfaction problems: a probabilistic approach

Selecting preferred solutions in fuzzy constraint satisfaction problems

Partial Constraint Satisfaction

Constraint Satisfaction with Preferences

Possibilistic constraint satisfaction problems or "How to handle soft constraints?"

Valued Constraint Satisfaction Problems: Hard and Easy Problems