University of Glasgow | School of Computing Science

Cybersecurity and Forensics Training Portal

Ioannis Cleary

School of Computing Science
Sir Alwyn Williams Building
University of Glasgow
G12 8QQ

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Abstract

While attempting to classify partial linear spaces produced during the execution of an extension of Stinson's hillwalking algorithm a new problem arises, that of generating all graphical degree sequences that are diamond-free (i.e. have no diamond as subgraph) and satisfy additional constraints. We present this problem (CSPLib 50), propose a constraint programming solution and list all satisfying degree sequences of length 8 to 16 inclusive.

Chapter 1

Introduction

Chapter 2

Problem Definition

Chapter 3

Motivation

Chapter 4

Constraint Programming Models

4.1   Model A

4.2   Model B

Chapter 5

Solutions

Chapter 6

Conclusion

Acknowledgments

Cite test [1]

Bibliography

[1] cspLib. http://www.csplib.org.