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In mathematics, computer science and operations research, mathematical optimization or mathematical programming, alternatively spelled optimisation, is the selection of a best element (with regard to some criterion) from some set of available alternatives.

Mathematical optimization - Wikipedia

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Journal of Optimization Theory and Applications

I offer consulting services in artificial intelligence, predictive modeling, optimization and engineering. If you are interested in any of the following topics please feel free to email me [roger@rogerfrigola.com] or to contact me on LinkedIn to explore a potential collaboration.

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Systems engineering - Wikipedia

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This is a collection of examples of using python in the kinds of scientific and engineering computations I have used in classes and research. They are organized by topics.

pycse - Python3 Computations in Science and Engineering

2 CHAPTER 1. INTRODUCTION 1.1 Introduction Optimization is the act of achieving the best possible result under given circumstances. In design, construction, maintenance, ..., engineers have to take decisions.

OPTIMIZATION An introduction - Imperial College London

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