Thesis

Neo

date

Abstract

abstract

1   Intorduction

Why Invest
How do most of peopele invest
Fundamental analysis
Technical analysis
Why technical indicators

2   Related Work

Related Work

3   Background

Background not sure what to write

4   Proposed Method

4.1   Investment targets

what are DJI 30s
what is DJI
what is IXIC
what is NYA
Why choose these investment targets

4.2   Technical Indicators

What are technical indicators

4.2.1   Simple Moving Average (SMA)

What is Simple Moving Average
Characteristics of SMA
SMA formula
How to use SMA

4.2.2 Relative Strength Index (RSI)

What is RSI
Characteristics of RSI
RSI formula
How to use RSI

4.3 Internal Rate of Return Normalization

How to evaluate the performance of our method

4.4 Sliding Windows

Old sliding sindows
New sliding windows
What can new Sliding achieve

4.5 Global-best guided Quantum-inspired Tabu Search Algorithm with Not-gate (GNQTS)

What is GNQTS and its evolution
Flow chart of GNQTS
Pseudo code of GNQTS
Explain each step of GNQTS

5 Experiment

5.0.1 Experimental Enviroment

5.0.2 Parameters of GNQTS

5.1 Training Period

5.1.1 SMA

5.1.2 RSI

5.1.3 SMA and RSI

5.2 Test Period

5.3 Training Period

5.3.1 SMA

5.3.2 RSI

5.3.3 SMA and RSI

5.4 Self analysis

5.5 Conclution

Conclution

5.6 Reference

Referrence