My first paper

Dawei Zhan

***Abstract*—NSGA-II is very popular. We proposed a new algorithm. It is better than NSGA-II. Please accept our paper.**

Section I is the introduction. Section II

I. Introduction

We have a objective function $f(x) = (x-1)^2$, other words. the problem is given in Equation 1.

NSGA-II is very popular. This is another paper [1].

$$\begin{aligned} &\text{find: } \boldsymbol{x} = [x_1, x_2, \cdots, x_d] \\ &\text{minimize: } f(\boldsymbol{x}) \\ &\text{subject to: } \boldsymbol{x} \in \mathbb{R}^d \end{aligned} \tag{1}$$

II. Backgrounds

A. multiobjective optimization problems

B. NSGA-II

1) non-dominated sorting:

2) Crowding distance:

III. Proposed Algorithm

IV. Numerical Experiments

V. Conclusions

References

[1] M. Hosseinian, J. P. Choi, S.-H. Chang, and J. Lee, "Review of 5g ntn standards development and technical challenges for satellite integration with the 5g network," *IEEE Aerospace and Electronic Systems Magazine*, vol. 36, no. 8, pp. 22–31, 2021.