

Gaia Parallax Distances

MICHAEL TAURASO

ABSTRACT

With the unique and revolutionary measurements of the Gaia era affecting many areas of the study of the structure and history of the Milky Way, this paper looks at the parallax distances and explores the high level causes of spurious parallaxes in Gaia DR3, as well as summarizing some approaches for using these parallaxes and the astrometric solution as a whole to do science.

1. INTRODUCTION

LaTeX¹ is a document markup language that is particularly well suited for the publication of mathematical and scientific articles ([Lamport 1994](#)).

REFERENCES

Lamport, L. 1994, LaTeX: A Document Preparation System, 2nd edn. (Addison-Wesley Professional)

¹ <http://www.latex-project.org/>