

The GL Bibliography and an Interactive Database

A. Pospieszalska-Surdej, J. Surdej¹, A. Detal and C. Jean

Institut d'Astrophysique et de Géophysique, Université de Liège
Avenue de Coïnte 5, B-4000 Liège, Belgium

Summary

It is now possible to directly access, via the Internet, a bibliographical database on Gravitational Lensing (GL) literature. The Interactive Gravitational Lensing Bibliography (IGLB) totals more than 2400 titles of published articles in scientific journals and proceedings of meetings (except those fully dedicated to Gravitational Lenses), as well as papers submitted to the e-Print archive. This database is a product of the Gravitational Lensing Bibliography first presented in 1993 (Proceedings of the 31st Liège International Astrophysical Colloquium). It includes easy, field-based searches for title keywords, authors (using Boolean operators), year, and journal (a pull-down list of the most cited journals is available). Access to the original version of published articles as well as to preprints submitted to the e-Print archive at the URL address <http://xxx.lanl.gov/> is also provided. This database is updated approximately every two months. The "complete" bibliography of published articles is also available in the form of Latex and PostScript files. The IGLB can be accessed at the URL:

<http://vela.astro.ulg.ac.be/gravlens>

Figure 1 shows the WWW homepage for the gravitational lensing database. By clicking on one of the four images of the Clover-leaf, one may have access to different entries of the gravitational lensing bibliography:

- 1) Database with field-based searches totalling more than 2400 articles published and submitted to scientific journals with corresponding links (for submitted papers to the e-Print archive and for published papers to journals),
- 2) PostScript file of published articles,
- 3) Latex file of published articles,
- 4) Books file of conference proceedings and books dedicated to GL.

The first version of the GL bibliography totalled approximately 1000 articles. The rapid growth of the GL activity is shown in Figure 2, which illustrates the number of GL related articles being published each year.

References

- Pospieszalska-Surdej, A. et al. 1993, in Proc. 31st Liège International Astrophysical Colloquium, p. 671
Pospieszalska-Surdej, A. et al. 1995, in Proc. of of IAU Symposium 173, p. 417

¹Also Directeur de Recherches du Fonds National de la Recherche Scientifique, Belgium

Gravitational Lensing

DATABASE, BIBLIOGRAPHY

Anna Pospieszalska-Surdej, Jean Surdej, A. Detal

A non exhaustive bibliography and database on "Gravitational Lensing" (hereafter GL) totalizing more than 2400 titles of published and submitted articles dealing with GL is presented. (Updated: 15 September 1999)

Click on one of the 4 images of the gravitational lens H 1413+117

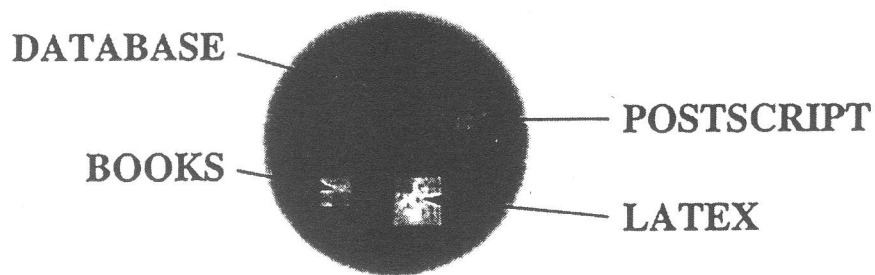


Figure 1. World Wide Web homepage for the GL database and bibliography accessible at the URL http://vela.astro.ulg.ac.be/grav_lens.

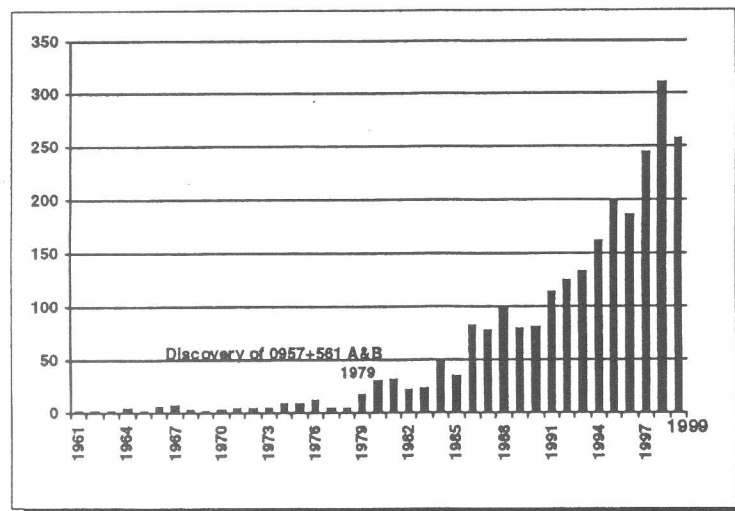


Figure 2. Number of papers related to gravitational lensing, published per year, during the past forty years. Please note that the year 1999 is not yet over!