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Developing asymmetries in AGB stars : occurrence, morphology and polarization of circumstellar Masers

Amiri, N.

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Publications

Refereed Papers

1. *The magnetic field of the evolved star W43A* (Chapter 2)
N. Amiri, W. H. T. Vlemmings, H. J. van Langevelde
Astronomy & Astrophysics, 2010, 509, 26
2. *The kinematics and magnetic fields in water-fountain sources based on OH maser observations* (Chapter 3)
N. Amiri, W. H. T. Vlemmings, H. J. van Langevelde
Astronomy & Astrophysics, 2011, 532, 149
3. *Green Bank Telescope Observations of the H₂O masers of evolved stars: magnetic field and maser polarization* (Chapter 4)
N. Amiri, W. H. T. Vlemmings, H. J. van Langevelde
Submitted to Astronomy & Astrophysics
4. *VLBA SiO maser observations of the OH/IR star OH 44.8-2.3: magnetic field and morphology* (Chapter 6)
N. Amiri, W. H. T. Vlemmings, A. J. Kemball, H. J. van Langevelde
Accepted for publication in Astronomy & Astrophysics
5. *Rotten Egg Nebula: The magnetic field of a binary evolved star*
M. L. Leal-Ferreira, W. H. T. Vlemmings, P. J. Diamond, A. Kemball, **N. Amiri**, J. -F. Desmurs.
Submitted to Astronomy & Astrophysics

Conference Proceedings

1. *Magnetic Fields And Developing Asymmetries in Circumstellar Masers*
N. Amiri, W. H. T. Vlemmings, H. J. van Langevelde, A. J. Kemball
Dissertation Talk, American Astronomical Society, AAS Meeting #218, #219.04; Bulletin of the American Astronomical Society, Vol. 43, 2011
2. *W43A: magnetic field and morphology*
N. Amiri, W. H. T. Vlemmings, H. J. van Langevelde
Asymmetric Planetary Nebulae 5 conference, held in Bowness-on-Windermere, U.K., 20 - 25 June 2010

3. *The magnetic field of the evolved star W43A*
N. Amiri, W. H. T. Vlemmings, H. J. van Langevelde
Cosmic Magnetic Fields: From Planets, to Stars and Galaxies, Proceedings of the International Astronomical Union, IAU Symposium, Volume 259, p. 109-110
4. *The magnetic field of the evolved star W43A*
N. Amiri, W. H. T. Vlemmings, H. J. van Langevelde
Proceedings of the 9th European VLBI Network Symposium on The role of VLBI in the Golden Age for Radio Astronomy and EVN Users Meeting. September 23-26, 2008. Bologna, Italy.

