

Curriculum Vitae

Jason Eberle
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Education

The University of Texas at Arlington, Arlington, TX
PhD in Physics December 2010
Dissertation: "Selected Studies of Orbital Stability and Habitability in Star-Planet Systems"

The University of Texas at Arlington, Arlington, TX
M.S. in Physics May 2007
Thesis: "Case Studies of the Circular Restricted Three Body Problem"

The University of Texas at Dallas, Dallas, TX
B.S. in Physics May 2004

Teaching Experience

Tarrant County Community College, Fort Worth, Texas August 2011 – December 2011
Adjunct Instructor – Physics 1401
Developed syllabus and overall course structure, weekly lab practicum, and administered all grades.

The University of Texas at Arlington, Arlington, Texas August 2004 – December 2010
Graduate Teaching Assistant – Physics 1441, 1442, 1444
Developed syllabus and overall course structure, weekly lab practicum, and administered all grades.

Publications and Papers

Eberle, J., Cuntz, M., Quarles, B., & Musielak, Z.E.: 2011, "Case studies of habitable Trojan planets in the system of HD 23079", *International Journal of Astrobiology*, 10, 4

Quarles, B. Eberle, J., Musielak, Z.E., & Cuntz, M.: 2011, "The instability transition for the restricted 3-body problem. III. The Lyapunov exponent criterion", *Astronomy & Astrophysics*, 533, A2

Eberle, J. & Cuntz, M.: 2010, "On the reality of the suggested planet in the η Octantis system", *Astrophysical Journal Letters*, 721, L168

Yeager, K.E., Eberle, J., & Cuntz, M.: 2010, "On the ejection of Earth-mass planets from the habitable zones of the solar twins HD 20782 and HD 188015", *International Journal of Astrobiology*, 10, 1

Eberle, J. & Cuntz, M.: 2010, "The instability transition for the restricted 3-body problem. II. The hodograph eccentricity criterion", *Astronomy & Astrophysics* 514, A19

Eberle, J., Cuntz, M., & Musielak, Z.E.: 2008, "The instability transition for the restricted 3-body problem. I. Theoretical approach", *Astronomy & Astrophysics* 489, 1329

Cuntz, M., Eberle, J., & Musielak, Z.E.: 2007, "Stringent criteria for stable and unstable planetary orbits in stellar binary systems", *Astrophysical Journal Letters* 669, L105