



HAL
open science

Constraining the properties of HD 206893 B

A. Grandjean, A.-M. Lagrange, H. Beust, L. Rodet, J. Milli, P. Rubini, C. Babusiaux, N. Meunier, P. Delorme, S. Aigrain, et al.

► **To cite this version:**

A. Grandjean, A.-M. Lagrange, H. Beust, L. Rodet, J. Milli, et al.. Constraining the properties of HD 206893 B. *Astronomy and Astrophysics - A&A*, 2019, 629, pp.C1. 10.1051/0004-6361/201935044e . hal-03103864

HAL Id: hal-03103864

<https://hal.science/hal-03103864v1>

Submitted on 8 Jan 2021

HAL is a multi-disciplinary open access archive for the deposit and dissemination of scientific research documents, whether they are published or not. The documents may come from teaching and research institutions in France or abroad, or from public or private research centers.

L'archive ouverte pluridisciplinaire **HAL**, est destinée au dépôt et à la diffusion de documents scientifiques de niveau recherche, publiés ou non, émanant des établissements d'enseignement et de recherche français ou étrangers, des laboratoires publics ou privés.

LETTER TO THE EDITOR

Constraining the properties of HD 206893 B

A combination of radial velocity, direct imaging, and astrometry data^{*} (Corrigendum)

A. Grandjean¹, A.-M. Lagrange¹, H. Beust¹, L. Rodet¹, J. Milli², P. Rubini³, C. Babusiaux^{1,4}, N. Meunier¹, P. Delorme¹, S. Aigrain⁵, N. Zicher⁵, M. Bonnefoy¹, B. A. Biller^{6,7,16}, J.-L. Baudino⁸, M. Bonavita^{6,7}, A. Boccaletti⁹, A. Cheetham¹⁰, J. H. Girard¹¹, J. Hagelberg¹⁰, M. Janson¹², J. Lannier¹, C. Lazzoni¹³, R. Ligi¹⁴, A.-L. Maire¹⁵, D. Mesa¹⁶, C. Perrot^{9,17,18}, D. Rouan⁹, and A. Zurlo^{19,20,21}

¹ Univ. Grenoble Alpes, CNRS, IPAG, 38000 Grenoble, France
e-mail: Antoine.Grandjean1@univ-grenoble-alpes.fr

² European Southern Observatory (ESO), Alonso de Córdova 3107, Vitacura, Casilla 19001, Santiago, Chile

³ Pixyl S.A., La Tronche, France

⁴ GEPI, Observatoire de Paris, Université PSL, CNRS, 5 Place Jules Janssen, 92190 Meudon, France

⁵ Department of Astrophysics, University of Oxford, UK

⁶ Institute for Astronomy, University of Edinburgh, Blackford Hill, Edinburgh EH9 3HJ, UK

⁷ Centre for Exoplanet Science, University of Edinburgh, Edinburgh, UK

⁸ Department of Physics, University of Oxford, UK

⁹ LESIA, Observatoire de Paris, PSL Research University, CNRS, Sorbonne Universités, UPMC Univ. Paris 06, Univ. Paris Diderot, France

¹⁰ Observatoire de Genève, University of Geneva, 51 Chemin des Maillettes, 1290 Versoix, Switzerland

¹¹ Space Telescope Science Institute, Baltimore, USA

¹² Department of Astronomy, Stockholm University, AlbaNova University Center, 106 91 Stockholm, Sweden

¹³ INAF – Osservatorio Astronomico di Padova, Italy

¹⁴ INAF – Osservatorio Astronomico di Brera, Via E. Bianchi 46, 23807 Merate, Italy

¹⁵ Astronomical Observatory of Padova/Asiago, Italy

¹⁶ Max-Planck-Institut für Astronomie, Königstuhl 17, 69117 Heidelberg, Germany

¹⁷ Instituto de Física y Astronomía, Facultad de Ciencias, Universidad de Valparaíso, Av. Gran Bretaña 1111, Valparaíso, Chile

¹⁸ Núcleo Milenio Formación Planetaria – NPF, Universidad de Valparaíso, Av. Gran Bretaña 1111, Valparaíso, Chile

¹⁹ Aix Marseille Univ, CNRS, CNES, LAM, Marseille, France

²⁰ Núcleo de Astronomía, Facultad de Ingeniería y Ciencias, Universidad Diego Portales, Av. Ejercito 441, Santiago, Chile

²¹ Escuela de Ingeniería Industrial, Facultad de Ingeniería y Ciencias, Universidad Diego Portales, Av. Ejercito 441, Santiago, Chile

A&A, 627, L9 (2019), <https://doi.org/10.1051/0004-6361/201935044>

Key words. techniques: radial velocities – techniques: high angular resolution – astrometry – brown dwarfs – binaries: close – errata, addenda

The distance d was missing in the denominator of the first equation of Appendix D.2.

The corrected equation is:

$$X_*(t) = -X_c(t) \times \frac{M_c}{(M_c + M_*)d}$$

$$Y_*(t) = -Y_c(t) \times \frac{M_c}{(M_c + M_*)d}$$

^{*} HARPS run 089.C-0739(A), 192.C-0224(C), 099.C-0205(A), 098.C-0739(A) and 1101.C-0557(A); SPHERE run 096.C-0388, 097.C-0865(D) and 099.C-0708(A); *Gaia* DR2.