

2016年 12月 第4週 新着論文サーベイ

12月 19日 (月曜日)

[1] [arxiv:1612.05624](#)

Title: "Aeronomical constraints to the minimum mass and maximum radius of hot low-mass planets"

Author: L. Fossati, N. V. Erkaev, H. Lammer, P. E. Cubillos, P. Odert, I. Juvan, K. G. Kislyakova, M. Lendl, D. Kubyschkina, S. J. Bauer

Comments: Accepted for publication by A&A

Subjects: Earth and Planetary Astrophysics (astro-ph.EP)

[理論]

主星に近い低密度惑星に関して、Jeans 脱出パラメータを Λ として、惑星半径と質量から計算した水素原子の平衡温度をつかって、 Λ を計算してみる。5–10 地球質量だと 500–1000K で、G-、K-、M 型星を周回しているとする。 Λ が 15–35 位だと boil-off 領域を生み出すことが分かった。これは大気の熱エネルギーと惑星の低重力によって引き起こされる。惑星が 1000K 以上の高温で、5 地球質量以下の低質量で Λ が 15–35 を下回っているものでも、惑星半径が小さくなるので、 Λ が 15–35 を上回る様になる。大体 5 億年以下で boil-off 領域から脱するだろう。

[2] [arxiv:1612.05598](#)

Title: "Lidov-Kozai Mechanism in Hydrodynamical Disks: Linear Stability Analysis"

Author: J. J. Zanazzi, Dong Lai

Comments: 9 pages, 6 figures, submitted to MNRAS

Subjects: Earth and Planetary Astrophysics (astro-ph.EP)

[理論]

最近の Martin+2014 での SPH シミュレーションでは、伴星を持つ星周ガス円盤では軌道離心率と傾斜角の振動が見られるとされている。これは 3 体系での Lidov-Kozai 振動に依っている。連星系の星周円盤の離心率進化を、線形解析した。ガス圧と粘性の効果を入れ、現実的な潮汐力も含めている。円盤の離心率は無次元量の S で記述できそう。 S は音速の二乗と単位質量辺りの潮汐トルクの比。 S が 1 より小さいと Lidov-Kozai 効果で薄い円盤が回復する。傾斜角が 39–141 度の間だと離心率が励起する。 S が 1 よりも大きいとどんな傾斜角でも離心率の成長が抑制されてしまう。 S が 1 くらいだと、驚くべきことに、傾斜角が 39 度よりも小さいときに離心率の成長が起こる。

[3] [arxiv:1612.05465](#)

Title: "Atomic Gas in Debris Discs"

Author: Antonio S. Hales, M. J. Barlow, I. A. Crawford, S. Casassus

Comments: Accepted 13/12/2016. Received 2/12/2016; Deposited on 22/11/2016. - 13 Pages, 9 Figures - MNRAS

Advance Access published December 15, 2016

Subjects:

[観測]

16 個のデブリ円盤を持つ恒星での可視吸収線観測のまとめ。 H_{α} 、Ca II、Na I の放射は見られなかった。4 つの恒星では光球面での Ca II、と Na I D 線で narrow な吸収線が見られた。HD110058 には、星周ガスがあるという強い証拠を得られた。ALMA の分子ガス検出とコンシステント。 β Pictoris の系と似ている。

[4] [arxiv:1612.05351](#)

Title: "Chemical Effects on Dust Settling in Protoplanetary Disks"

Author: Yoshinori Miyazaki, Jun Korenaga

Comments: 13 pages, 10 figures

Subjects: Earth and Planetary Astrophysics (astro-ph.EP)

[理論]

原始惑星系円盤初期において、地球型惑星が存在する様な領域で、ダストが沈降する新しい効果を提案。円盤進化の初期段階では内側領域が熱いのでダスト粒子は蒸発してしまい、垂直方向の沈降では、凝集と蒸発の効果が顕著。1次元の沈降モデルを立てて、物理過程と化学過程を検討。その結果、内側領域では蒸発するけれど、Mg、Si、Fe では「凝集前線」が作られる。この前線部分で蒸発がくり返されると、ダスト粒子がどんどん成長する。1AU の半径だとダストの沈降速度は 10^5 年スケールで、標準的な惑星形成のスケールより長い。今回のモデルは、コンドライトの形成を説明できそう。

[5] [arxiv:1612.05329](#)

Title: "A study of symplectic integrators for planetary system problems: error analysis and comparisons"

Author: David M. Hernandez, Walter Dehnen

Comments: 23 pages, 9 figures, 1, table, submitted to MNRAS, comments welcome

Subjects: Earth and Planetary Astrophysics (astro-ph.EP); Instrumentation and Methods for Astrophysics (astro-ph.IM)

[理論]

Jacobi 座標系での Wisdom-Holman 法と Hernandez の方法 (H16) を、惑星系の symplectic integrator としてどちらが好ましいか比較。どっちもおなじくらい良い。冥王星の軌道だと、5 億年間はきちんと計算できていそう。

[6] [arxiv:1612.05259](#)

Title: "A Circumbinary Debris Disk in a Polluted White Dwarf System"

Author: J. Farihi, S. G. Parsons, B. T. Gänsicke

Comments: accepted to Nature Astronomy, this is the authors' version

Subjects: Earth and Planetary Astrophysics (astro-ph.EP); Solar and Stellar Astrophysics (astro-ph.SR)

[理論/観測]

進化した単独星周りで惑星系が生き残っているのは、岩石性のデブリ円盤が観測されたり、白色矮星の表面に金属成分が見られることから確かだと思われている。この論文では白色矮星周りを 2.27 時間周期で substellar companion が回っている。この系では金属で汚染されていて、赤外超過も見られているが、伴星が存在しているので円盤は出来ないはず。ロッシュ限界よりも外側に光学的に薄い状態でデブリが検出出来ている。質量比が小さい場合にどうやって岩石微惑星が形成されるかを考えてみる。

[7] [arxiv:1612.05560](#)

Title: "The Pan-STARRS1 Surveys"

Author: K. C. Chambers, E. A. Magnier, N. Metcalfe, H. A. Flewelling, M. E. Huber, C. Z. Waters, L. Denneau, P. W. Draper, D. Farrow, D. P. Finkbeiner, C. Holmberg, J. Koppenhoefer, P. A. Price, R. P. Saglia, E. F. Schlafly, S. J. Smartt, W. Sweeney, R. J. Wainscoat, W. S. Burgett, T. Grav, J. N. Heasley, K. W. Hodapp, R. Jedicke, N. Kaiser, R.-P. Kudritzki, G. A. Luppino, R. H. Lupton, D. G. Monet, J. S. Morgan, P. M. Onaka, C. W. Stubbs, J. L. Tonry, E. Banados, E. F. Bell, R. Bender, E. J. Bernard, M.T. Botticella, S. Casertano, S. Chastel, W.-P. Chen, X. Chen, S. Cole, N. Deacon, C. Frenk, A. Fitzsimmons, S. Gezari, C. Goessl, T. Goggia, B. Goldman, E. K. Grebel, N.C. Hambly, G. Hasinger, A. F. Heavens, T. M. Heckman, R. Henderson, T. Henning, M. Holman, U. Hopp, W.-H. Ip, S. Isani, C.D. Keyes

Comments: 34 pages, 24 figures

Subjects: Instrumentation and Methods for Astrophysics (astro-ph.IM); Earth and Planetary Astrophysics (astro-ph.EP); Astrophysics of Galaxies (astro-ph.GA); Solar and Stellar Astrophysics (astro-ph.SR)

[観測]

著者が多い。3 π ステラジアン of 広範囲を 5 バンドで測光観測した Pan-STARRS1 の結果まとめとカタログについて。位置については Gaia でキャリブレーションしていく。

12 月 20 日 (火曜日)

[1] [arxiv:1612.06311](#)

Title: "Interferometric Evidence for Quantum Heated Particles in the Inner Region of Protoplanetary Disks around Herbig Stars"

Author: L. Klarmann, M. Benisty, M. Min, C. Dominik, J.-P. Berger, L. B. F. M. Waters, J. Kluska, B. Lazareff, J.-B. Le Bouquin

Comments: 10 pages, 6 figures, 2 tables, accepted for publication at A&A

Subjects: Earth and Planetary Astrophysics (astro-ph.EP); Solar and Stellar Astrophysics (astro-ph.SR)

[理論/観測/実験 etc....]

Comment!!!!

[2] [arxiv:1612.06252](#)

Title: "An eccentric companion in the edge of the brown dwarf desert orbiting the

2.4 Msun giant star HIP67537”

Author: M. I. Jones, R. Brahm, R. A. Wittenmyer, H. Drass, J. S. Jenkins, C. H. F. Melo, J. Vos, P. Rojo

Comments: Submitted for publication to A&A

Subjects: Earth and Planetary Astrophysics (astro-ph.EP); Solar and Stellar Astrophysics (astro-ph.SR)

[理論/観測/実験 etc....]

Comment!!!!

[3] [arxive:1612.06145](#)

Title: ”On the fragmentation boundary in magnetised self-gravitating discs”

Author: Duncan Forgan, Daniel J. Price, Ian Bonnell

Comments: 12 pages, 22 figures, accepted for publication in MNRAS

Subjects: Earth and Planetary Astrophysics (astro-ph.EP); Astrophysics of Galaxies (astro-ph.GA); Solar and Stellar Astrophysics (astro-ph.SR)

[理論/観測/実験 etc....]

Comment!!!!

[4] [arxive:1612.06121](#)

Title: ”Mysterious eclipses in the light-curve of KIC8462852: a possible explanation”

Author: L. Neslusan, J. Budaj

Comments: Accepted to A&A. Identical to v1 but with language correction

Subjects: Earth and Planetary Astrophysics (astro-ph.EP)

[理論/観測/実験 etc....]

Comment!!!!

[5] [arxive:1612.06068](#)

Title: ”Possible Outcomes of Coplanar High-eccentricity Migration: Hot Jupiters, Close-in Super-Earths, and Counter-orbiting Planets”

Author: Yuxin Xue, Kento Masuda, Yasushi Suto

Comments: Accepted for publication in ApJ

Subjects: Earth and Planetary Astrophysics (astro-ph.EP)

[理論/観測/実験 etc....]

Comment!!!!

[6] [arxive:1612.05945](#)

Title: ”A search for H α absorption around KELT-3 b and GJ 436 b”

Author: P. Wilson Cauley, Seth Redfield, Adam G. Jensen

Comments: 10 pages, 6 figures, accepted to AJ

Subjects: Earth and Planetary Astrophysics (astro-ph.EP); Solar and Stellar Astrophysics (astro-ph.SR)

[理論/観測/実験 etc....]

Comment!!!!

[7] [arXiv:1612.05813](#)

Title: "Results of testing for presence of satellites near 18 Melpomene and 532 Herculina by the speckle-interferometry method"

Author: I.A.Sokova, E.N.Sokov, V.V.Dyachenko, D.A.Rastegaev, Yu.Yu.Balega

Subjects: Earth and Planetary Astrophysics (astro-ph.EP)

[理論/観測/実験 etc....]

Comment!!!!

[8] [arXiv:1612.05718](#)

Title: "Detections of Planets in Binaries Through the Channel of Chang-Refsdal Gravitational Lensing Events"

Author: Cheongho Han, In-Gu Shin, Youn Kil Jung

Comments: 6 pages, 4 figures

Subjects: Earth and Planetary Astrophysics (astro-ph.EP)

[理論/観測/実験 etc....]

Comment!!!!

[9] [arXiv:1612.06172](#)

Title: "The evolution of hierarchical triple star-systems"

Author: S. Toonen, A. Hamers, S. Portegies Zwart

Comments: 40 pages, 14 figures, accepted for publication

Subjects: Solar and Stellar Astrophysics (astro-ph.SR); Earth and Planetary Astrophysics (astro-ph.EP)

[理論/観測/実験 etc....]

Comment!!!!

[10] [arXiv:1612.05801](#)

Title: "An improved solution to geometric distortion using an orthogonal method"

Author: Huan-Wen Peng, Qing-Yu Peng, Na Wang

Comments: 9 pages, 3 figures

Subjects: Instrumentation and Methods for Astrophysics (astro-ph.IM); Earth and Planetary Astrophysics (astro-ph.EP)

[理論/観測/実験 etc....]

Comment!!!!

12月21日(水曜日)

[1] [arxiv:1612.06720](#)

Title: "Galactic Distribution of Chirality Sources"

Author: Daniel S. Helman

Comments: Currently submitted as a chapter to an Elsevier volume "Habitability of the Universe Before Earth",
Richard Gordon, Alexei Sharov, eds

Subjects: Earth and Planetary Astrophysics (astro-ph.EP); Other Quantitative Biology (q-bio.OT)

[理論/キラリティ]

宇宙におけるキラリティ (アミノ酸のうち、L型が卓越) の起源について議論&review。
小惑星表面での光子偏光、選択的成長など。

[2] [arxiv:1612.06564](#)

Title: "Obliquity of Mercury: influence of the precession of the pericenter and of tides"

Author: Rose-Marie Baland, Marie Yseboodt, Attilio Rivoldini, Tim Van Hoolst

Subjects: Earth and Planetary Astrophysics (astro-ph.EP); Geophysics (physics.geo-ph)

[理論/水星軌道]

水星の軌道傾斜角の変動、軌道変化の理論計算。古典的な Cassini 状態からのずれを計算。近点の歳差運動や、潮汐の効果を見積もっている。

[3] [arxiv:1612.06409](#)

Title: "Evidence for Atmospheric Cold-trap Processes in the Non-inverted Emission Spectrum of Kepler-13Ab Using HST/WFC3"

Author: Thomas G. Beatty, Nikku Madhusudhan, Angelos Tsiaras, Ming Zhao, Ronald L. Gilliland, Heather A. Knutson, Avi Shporer, Jason T. Wright

Comments: 15 pages, 7 figures, 4 tables. Submitted to AAS journals, and partially updated to reflect the referee's comments

Subjects: Earth and Planetary Astrophysics (astro-ph.EP)

[観測/Hot Jupiter 大気]

Kepler 13Ab のトランジット (1.1~1.65 μ m) を HST の Wide Field Camera 3 で分光観測。
トランジットの開始/終了時刻の制限は観測精度の問題で、先行研究に比べて高くない。
また、大気中には温度逆転層が存在しない。cold trap が存在するかも。

[4] [arxiv:1612.06582](#)

Title: "The hybrid disks: a search and study to better understand evolution of disks"

Author: J. Pericaud, E. Di Folco, A. Dutrey, S. Guilloteau, V. Pietu

Comments: Accepted for publication in Astronomy&Astrophysics

Subjects: Solar and Stellar Astrophysics (astro-ph.SR); Earth and Planetary Astrophysics (astro-ph.EP)

[観測/円盤 CO ガス観測]

デブリ円盤のミリ波観測=>原始惑星系円盤からのガスの生き残り、微惑星の脱ガス由来のガスが検出するものも=>Hybrid disks

今回：IRAM と APEX の電波望遠鏡で、様々な type の円盤のガス構造調査。CO J=3 → 2 と CO J=2 → 1 のラインを利用。

CTTS から一部のデブリ円盤にかけて、ダスト flux とガス強度に相関。一方で Hybrid disks はガスの方がより卓越=>ダストの方が先に散逸していることを示唆。

12 月 22 日 (木曜日)

[1] [arxiv:1612.07151](https://arxiv.org/abs/1612.07151)

Title: "Planck intermediate results. LII. Planet flux densities"

Author:Planck Collaboration, Y. Akrami, M. Ashdown, J. Aumont, C. Baccigalupi, M. Ballardini, A. J. Banday, R. B. Barreiro, N. Bartolo, S. Basak, K. Benabed, J.-P. Bernard, M. Bersanelli, P. Bielewicz, L. Bonavera, J. R. Bond, J. Borrill, F. R. Bouchet, F. Boulanger, M. Bucher, C. Burigana, R. C. Butler, E. Calabrese, J.-F. Cardoso, J. Carron, H. C. Chiang, L. P. L. Colombo, B. Comis, F. Couchot, A. Coulais, B. P. Crill, A. Curto, F. Cuttaia, P. de Bernardis, A. de Rosa, G. de Zotti, J. Delabrouille, E. Di Valentino, C. Dickinson, J. M. Diego, O. Doré, A. Ducout, X. Dupac, F. Elsner, T. A. Enßlin, H. K. Eriksen, E. Falgarone, Y. Fantaye, F. Finelli, M. Frailis, A. A. Fraisse, E. Franceschi, A. Frolov, S. Galeotta, S. Galli, K. Ganga, R. T. Génova-Santos, M. Gerbino, J. González-Nuevo

Comments: 20 pages, 14 figures, abstract abridged for arXiv submission

Subjects: Earth and Planetary Astrophysics (astro-ph.EP); Cosmology and Nongalactic Astrophysics (astro-ph.CO)

[理論/観測/実験 etc....]

Comment!!!!

[2] [arxiv:1612.07147](https://arxiv.org/abs/1612.07147)

Title: "Detection and Quantification of Volatiles at Mars using a multispectral LIDAR"

Author:Adrian J. Brown, Timothy Michaels, Lori Fenton, Paul O. Hayne, Sylvain Piqueux, Timothy N. Titus, Michael J. Wolff, R. Todd Clancy, Gordon Videen, Wenbo Sun, Robert Haberle, Anthony Colaprete, Mark I.

Richardson, Shane Byrne, Richard Dissly, Steve Beck, Chris Grund

Comments: 9 pages, 3 figures

Subjects: Earth and Planetary Astrophysics (astro-ph.EP)

[理論/観測/実験 etc....]

Comment!!!!

[3] [arxiv:1612.07131](#)

Title: "Nanoindenting the Chelyabinsk meteorite to learn about impact deflection effects in asteroids"

Author: Carles E. Moyano-Camero, Eva Pellicer, Josep M. Trigo-Rodríguez, Iwan P. Williams, Jürgen Blum, Patrick Michel, Michael Küppers, Marina Martínez-Jiménez, Ivan Lloro, Jordi Sort

Comments: 2 Tables, 4 Figures, and 19 pages in Astrophysical Journal (2017)

Subjects: Earth and Planetary Astrophysics (astro-ph.EP)

[理論/観測/実験 etc....]

Comment!!!!

[4] [arxiv:1612.07008](#)

Title: "A framework to combine low- and high-resolution spectroscopy for the atmospheres of transiting exoplanets"

Author: M. Brogi, M. Line, J. Bean, J.-M. Désert, H. Schwarz

Comments: 6 pages, 5 figures, submitted to ApJ Letters

Subjects: Earth and Planetary Astrophysics (astro-ph.EP)

[理論/観測/実験 etc....]

Comment!!!!

[5] [arxiv:1612.06987](#)

Title: "Hyperactivity in 103P/Hartley 2: Chunks from the sub-surface in Type Ila jet regions"

Author: Michael Belton

Subjects: Earth and Planetary Astrophysics (astro-ph.EP)

[理論/観測/実験 etc....]

Comment!!!!

[6] [arxiv:1612.06984](#)

Title: "Unconvergence of Very Large Scale GI Simulations"

Author: Natsuki Hosono, Masaki Iwasawa, Ataru Tanikawa, Keigo Nitadori, Takayuki Muranushi, Junichiro Makino

Comments: Accepted to PASJ, an animation is available at this [https](https://) URL

Subjects: Earth and Planetary Astrophysics (astro-ph.EP); Instrumentation and Methods for Astrophysics (astro-ph.IM)

[理論/観測/実験 etc....]

Comment!!!!

[7] [arxiv:1612.06947](https://arxiv.org/abs/1612.06947)

Title: "Photometric observations of the mutual phenomena of the Galilean satellites at the Pulkovo observatory in 2014-2015"

Author: M.Yu. Khovritchev, I.S. Izmailov, E.A. Roshchina, D.L. Gorshanov, A.M. Kulikova

Comments: 5 pages, 1 figure, 1 table

Subjects: Earth and Planetary Astrophysics (astro-ph.EP)

[理論/観測/実験 etc....]

Comment!!!!

[8] [arxiv:1612.06922](https://arxiv.org/abs/1612.06922)

Title: "Chromium isotope evidence in ejecta deposits for the nature of Paleoproterozoic impactors"

Author: Berengere Mougel, Frederic Moynier, Christa Gopel, Christian Koeberl

Subjects: Earth and Planetary Astrophysics (astro-ph.EP)

[理論/観測/実験 etc....]

Comment!!!!

[9] [arxiv:1612.06920](https://arxiv.org/abs/1612.06920)

Title: "Non-Gravitational Acceleration of the Active Asteroids"

Author: Man-To Hui, David Jewitt

Comments: Accepted by AJ. 25 pages, 1 figure, 5 tables

Subjects: Earth and Planetary Astrophysics (astro-ph.EP)

[理論/観測/実験 etc....]

Comment!!!!

[10] [arxiv:1612.06876](https://arxiv.org/abs/1612.06876)

Title: "Timing analysis in microlensing"

Author: Mosè Giordano, Achille Nucita, Francesco De Paolis, Gabriele Ingrosso

Comments: 11 pages, 4 figures. To be published in International Journal of Modern Physics D (IJMPD)

Subjects: Solar and Stellar Astrophysics (astro-ph.SR); Earth and Planetary Astrophysics (astro-ph.EP)

[理論/観測/実験 etc....]

Comment!!!!

12月23日(金曜日)

[1] [arxive:1612.07788](#)

Title: "Non-Vestoid candidate asteroids in the inner main belt"

Author: Dagmara Oszkiewicz, Brian A. Skiff, Nick Moskovitz, Paweł Kankiewicz,
Anna Marciniak, Javier Licandro, Mattia Galiazzo, Werner Zeilinger

Subjects: Earth and Planetary Astrophysics (astro-ph.EP)

[理論/観測/実験 etc....]

Comment!!!!

[2] [arxive:1612.07774](#)

Title: "Constraints on Planet Nine's Orbit and Sky Position within a Framework
of Mean Motion Resonances"

Author: Sarah Millholland, Gregory Laughlin

Subjects: Earth and Planetary Astrophysics (astro-ph.EP)

[理論/観測/実験 etc....]

Comment!!!!

[3] [arxive:1612.07673](#)

Title: "Fragmentation of Kozai-Lidov Disks"

Author: Wen Fu, Stephen H. Lubow, Rebecca G. Martin

Comments: Accepted for publication in ApJL

Subjects: Earth and Planetary Astrophysics (astro-ph.EP)

[理論/観測/実験 etc....]

Comment!!!!

[4] [arxive:1612.07564](#)

Title: "Stellar and planetary Cassini states"

Author: Alexandre C. M. Correia

Comments: 8 pages, 6 figures

Subjects: Earth and Planetary Astrophysics (astro-ph.EP); Solar and Stellar Astrophysics (astro-ph.SR); Dynamical Systems (math.DS)

[理論/観測/実験 etc....]

Comment!!!!

[5] [arXiv:1612.07434](#)

Title: "Asteroid 1566 Icarus' size, shape, orbit, and Yarkovsky drift from radar observations"

Author: Adam H. Greenberg, Jean-Luc Margot, Ashok K. Verma, Patrick A. Taylor, Shantanu P. Naidu, Marina Brozovic, Lance A. M. Benner

Comments: 19 pages, 6 figures

Subjects: Earth and Planetary Astrophysics (astro-ph.EP)

[理論/観測/実験 etc....]

Comment!!!!

[6] [arXiv:1612.07376](#)

Title: "A resonant chain of four transiting, sub-Neptune planets"

Author: Sean M. Mills, Daniel C. Fabrycky, Cezary Migaszewski, Eric B. Ford, Erik Petigura, Howard Isaacson

Comments: See this [http URL](#) for final published version on Nature's website

Subjects: Earth and Planetary Astrophysics (astro-ph.EP)

[理論/観測/実験 etc....]

Comment!!!!

[7] [arXiv:1612.07320](#)

Title: "First scattered-light images of the gas-rich debris disk around 49 Ceti"

Author: É. Choquet, J. Milli, Z. Wahhaj, R. Soummer, A. Roberge, J.-C. Augereau, M. Booth, O. Absil, A. Boccaletti, C. H. Chen, J. H. Debes, C. del Burgo, W. R. F. Dent, S. Ertel, J. H. Girard, E. Gofas-Salas, D. A. Golimowski, C. A. Gómez González, J. B. Hagan, P. Hibon, D. C. Hines, G. M. Kennedy, A.-M. Lagrange, L. Matrà, D. Mawet, D. Mouillet, M. N'Diaye, M. D. Perrin, C. Pinte, L. Pueyo, A. Rajan, G. Schneider, S. Wolff, M. Wyatt

Comments: Accepted for publication in ApJL. 7 pages, 4 figures

Subjects: Earth and Planetary Astrophysics (astro-ph.EP)

[理論/観測/実験 etc....]

Comment!!!!

[8] [arXiv:1612.07621](#)

Title: "SPHERE/SHINE reveals concentric rings in the debris disk of HIP 73145"

Author: M. Feldt, J. Olofsson, A. Boccaletti, A.L. Maire, J. Milli, A. Vigan, M. Langlois, Th. Henning, A. Moor, M. Bonnefoy, Z. Wahhaj, S. Desidera, R.

Gratton, A. Kóspál, P. Abraham, F. Menard, G. Chauvin, A.M. Lagrange,
D. Mesa, G. Salter, E. Buenzli, J.e Lannier, C. Perrot, S. Peretti, E. Sissa

Comments: 14 pages, 14 figures

Subjects: Solar and Stellar Astrophysics (astro-ph.SR); Earth and Planetary Astrophysics (astro-ph.EP)

[理論/観測/実験 etc....]

Comment!!!!

[9] [arxiv:1612.07332](#)

Title: "Secular Dimming of KIC 8462852 Following its Consumption of a Planet"

Author: Brian D. Metzger, Ken J. Shen, Nicholas C. Stone

Comments: 8 pages, submitted, comments welcome

Subjects: Solar and Stellar Astrophysics (astro-ph.SR); Earth and Planetary Astrophysics (astro-ph.EP)

[理論/観測/実験 etc....]

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