

DONALD LYNDEN-BELL

BIBLIOGRAPHY

Note: this list was extracted from the Scopus database and has not been fully checked for accuracy

1. Lynden-Bell, D. (1962). On the gravitational collapse of a cold rotating gas cloud. *Mathematical Proceedings of the Cambridge Philosophical Society*, 58(4), 709–711. <https://doi.org/10.1017/S0305004100040767>
2. Ostriker, J. P., Bodenheimer, P., & Lynden-Bell, D. (1966). Equilibrium models of differentially rotating zero-temperature stars. *Physical Review Letters*, 17(15), 816–818. <https://doi.org/10.1103/PhysRevLett.17.816>
3. Lynden-Bell, D., Cannon, R. D., Penston, M. V., & Rothman, V. C. A. (1966). Correlation between peculiar galaxies and radio sources [1]. *Nature*, 211(5051), 838–839. <https://doi.org/10.1038/211838a0>
4. Gough, D. O., & Lynden-Bell, D. (1968). Vorticity expulsion by turbulence: Astrophysical implications of an Alka-Seltzer experiment. *Journal of Fluid Mechanics*, 32(3), 437–447. <https://doi.org/10.1017/S0022112068000844>
5. Lynden-Bell, D. (1969). Galactic nuclei as collapsed old quasars. *Nature*, 223(5207), 690–694. <https://doi.org/10.1038/223690a0>
6. Lynden-Bell, D. (1975). The chemical evolution of galaxies. *Vistas in Astronomy*, 19(PART 3), 299–316. [https://doi.org/10.1016/0083-6656\(75\)90005-7](https://doi.org/10.1016/0083-6656(75)90005-7)
7. Lynden-Bell, D. (1977). Hubble's constant determined from super-luminal radio sources. *Nature*, 270(5636), 396–399. <https://doi.org/10.1038/270396a0>
8. Lynden-Bell, D. (1978). Gravity Power. *Physica Scripta*, 17(3), 185–191. <https://doi.org/10.1088/0031-8949/17/3/009>
9. Lynden-Bell, D., & Katz, J. (1981). ISOCIRCULATIONAL FLOWS AND THEIR LAGRANGIAN AND ENERGY PRINCIPLES. *Proceedings of The Royal Society of London, Series A: Mathematical and Physical Sciences*, 378(1773), 179–205.
10. Katz, J., & Lynden-Bell, D. (1982). A Lagrangian for Eulerian fluid mechanics. *PROC. R. SOC. - A*, 381(1781, Jun. 8, 1982), 263–274.
11. Katz, J., & Lynden-Bell, D. (1985). The Dynamics of Isocirculational Flows. *Geophysical & Astrophysical Fluid Dynamics*, 33(1–4), 1–33. <https://doi.org/10.1080/03091928508245421>
12. Katz, J., Lynden-Bell, D., & Israel, W. (1988). Quasilocal energy in static gravitational fields. *Classical and Quantum Gravity*, 5(7), 971–987. <https://doi.org/10.1088/0264-9381/5/7/006>
13. Katz, J., & Lynden-Bell, D. (1991). Tension shells and tension stars. *Classical and Quantum Gravity*, 8(12), 2231–2238. <https://doi.org/10.1088/0264-9381/8/12/008>
14. Lynden-Bell, D., & Katz, J. (1991). Energy (non-)conservation near black and white holes. *Classical and Quantum Gravity*, 8(2), 403–406. <https://doi.org/10.1088/0264-9381/8/2/018>
15. Lemos, J. P. S., Kalnajs, A. J., & Lynden-Bell, D. (1991). Global stability of self-similar Newtonian gaseous disks against axisymmetric perturbations. *Astrophysical Journal*, 375(2), 484–491. <https://doi.org/10.1086/170210>
16. LYNDEN-BELL, D., KATZ, J., REDMOUNT, I. H., & LYNDEN-BELL, E. L. (1991). Film of the Extension of Schwarzschild Space Through the $r = 0$ Singularity. *Annals of the New York Academy of Sciences*, 647(1), 605–609. <https://doi.org/10.1111/j.1749-6632.1991.tb32209.x>
17. Bičák, J., Lynden-Bell, D., & Katz, J. (1993). Relativistic disks as sources of static vacuum spacetimes. *Physical Review D*, 47(10), 4334–4343. <https://doi.org/10.1103/PhysRevD.47.4334>
18. Kraan-Korteweg, R. C., Loan, A. J., Burton, W. B., Lahav, O., Ferguson, H. C., Henning, P. A., & Lynden-Bell, D. (1994). Discovery of a nearby spiral galaxy behind the Milky Way. *Nature*, 372(6501), 77–79. <https://doi.org/10.1038/372077a0>
19. Lynden-Bell, D., & Katz, J. (1995). Classical mechanics without absolute space. *Physical Review D*, 52(12), 7322–7324. <https://doi.org/10.1103/PhysRevD.52.7322>

20. Lynden-Bell, D. (1996). Consequences of one spring researching with Chandrasekhar. *Current Science*, 70(9), 789–799.
21. Lynden-Bell, D. (1996). Magnetic collimation by accretion discs of quasars and stars. *Monthly Notices of the Royal Astronomical Society*, 279(2), 389–401.
<https://doi.org/10.1093/mnras/279.2.389>
22. Pichon, C., & Lynden-Bell, D. (1996). Equilibria of flat and round galactic discs. *Monthly Notices of the Royal Astronomical Society*, 282(4), 1143–1158.
<https://doi.org/10.1093/mnras/282.4.1143>
23. Boily, C. M., & Lynden-Bell, D. (1996). Wound magnetostatics and flaring. *Astrophysics and Space Science*, 243(1), 29–32. <https://doi.org/10.1007/BF00644029>
24. Earn, D. J. D., & Lynden-Bell, D. (1996). Cooperation of orbital streams in disc galaxies. *Monthly Notices of the Royal Astronomical Society*, 278(2), 395–405.
<https://doi.org/10.1093/mnras/278.2.395>
25. Pichon, C., & Lynden-Bell, D. (1996). New sources for Kerr and other metrics: Rotating relativistic discs with pressure support. *Monthly Notices of the Royal Astronomical Society*, 280(4), 1007–1026. <https://doi.org/10.1093/mnras/280.4.1007>
26. Lynden-Bell, D., & Lynden-Bell, R. M. (1997). On the shapes of newton's revolving orbits. *Notes and Records of the Royal Society*, 51(2), 195–198.
<https://doi.org/10.1098/rsnr.1997.0016>
27. Natarajan, P., & Lynden-Bell, D. (1997). An analytic approximation to the isothermal sphere. *Monthly Notices of the Royal Astronomical Society*, 286(2), 268–270.
<https://doi.org/10.1093/mnras/286.2.268>
28. Nouri-Zonoz, M., & Lynden-Bell, D. (1997). Gravomagnetic lensing by NUT space. *Monthly Notices of the Royal Astronomical Society*, 292(3), 714–722.
<https://doi.org/10.1093/mnras/292.3.714>
29. Katz, J., Bičák, J., & Lynden-Bell, D. (1997). Relativistic conservation laws and integral constraints for large cosmological perturbations. *Physical Review D - Particles, Fields, Gravitation and Cosmology*, 55(10), 5957–5969. <https://doi.org/10.1103/PhysRevD.55.5957>
30. Katz, J., Lynden-Bell, D., & Bičák, J. (1998). Instantaneous inertial frames but retarded electromagnetism in rotating relativistic collapse. *Classical and Quantum Gravity*, 15(10), 3177–3194. <https://doi.org/10.1088/0264-9381/15/10/019>
31. Lynden-Bell, D., & Nouri-Zonoz, M. (1998). Classical monopoles: Newton, NUT space, gravomagnetic lensing, and atomic spectra. *Reviews of Modern Physics*, 70(2), 427–445.
32. Lynden-Bell, D. (1998). From quasars to extraordinary N-body problems. *Annals of the New York Academy of Sciences*, 867, 3–13. <https://doi.org/10.1111/j.1749-6632.1998.tb11247.x>
33. Katz, J., Bičák, J., & Lynden-Bell, D. (1999). Disc sources for conformastationary metrics. *Classical and Quantum Gravity*, 16(12), 4023–4034. <https://doi.org/10.1088/0264-9381/16/12/319>
34. Nouri-Zonoz, M., Dadhich, N., & Lynden-Bell, D. (1999). A spacetime dual to the NUT spacetime. *Classical and Quantum Gravity*, 16(3), 1021–1026. <https://doi.org/10.1088/0264-9381/16/3/028>
35. Lynden-Bell, D., Bičák, J., & Katz, J. (1999). On accelerated inertial frames in gravity and electromagnetism. *Annals of Physics*, 271(1), 1–22. <https://doi.org/10.1006/aphy.1998.5869>
36. Lynden-Bell, D. (1999). Negative specific heat in astronomy, physics and chemistry. *Physica A: Statistical Mechanics and Its Applications*, 263(1–4), 293–304.
[https://doi.org/10.1016/S0378-4371\(98\)00518-4](https://doi.org/10.1016/S0378-4371(98)00518-4)

37. Lynden-Bell, D., & Lynden-Bell, R. M. (1999). Exact quantum solutions of extraordinary AT-body problems. *Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences*, 455(1989), 3261–3284. <https://doi.org/10.1098/rspa.1999.0450>
38. Lynden-Bell, D., & Lynden-Bell, R. M. (1999). Exact general solutions to extraordinary N-body problems. *Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences*, 455(1982), 475–489. <https://doi.org/10.1098/rspa.1999.0321>
39. Eggen, O. J., Lynden-Bell, D., & Sandage, A. R. (1999). Evidence from the motions of old stars that the galaxy collapsed. *Astrophysical Journal*, 525(1 PART 3), 962–982.
40. Lynden-Bell, D. (2000). Wandering among Newton wonders. *Observatory*, 120(1156), 192–194.
41. Lynden-Bell, D. (2000). The Newton wonder in mechanics. *Observatory*, 120(1155), 131–136.
42. Lynden-Bell, D. (2000). Carter separable electromagnetic fields. *Monthly Notices of the Royal Astronomical Society*, 312(2), 301–315. <https://doi.org/10.1046/j.1365-8711.2000.03129.x>
43. Lynden-Bell, D. (2000). Magnetic activity in stars, discs and quasars. *Philosophical Transactions of the Royal Society A: Mathematical, Physical and Engineering Sciences*, 358(1767), 635–639. <https://doi.org/10.1098/rsta.2000.0549>
44. Lynden-Bell, D., & Tout, C. A. (2001). Russell lecture: Dark star formation and cooling instability. *Astrophysical Journal*, 558(1 PART 1), 1–9. <https://doi.org/10.1086/322454>
45. Lynden-Bell, D. (2002). Exact optics: A unification of optical telescope design. *Monthly Notices of the Royal Astronomical Society*, 334(4), 787–796. <https://doi.org/10.1046/j.1365-8711.2002.05486.x>
46. Willstrop, R. V., & Lynden-Bell, D. (2003). Exact optics - II. Exploration of designs on- and off-axis. *Monthly Notices of the Royal Astronomical Society*, 342(1), 33–49. <https://doi.org/10.1046/j.1365-8711.2003.06434.x>
47. Lynden-Bell, D. (2003). On why discs generate magnetic towers and collimate jets. *Monthly Notices of the Royal Astronomical Society*, 341(4), 1360–1372. <https://doi.org/10.1046/j.1365-8711.2003.06506.x>
48. Lynden-Bell, D. (2003). A simple derivation and interpretation of the third integral in stellar dynamics. *Monthly Notices of the Royal Astronomical Society*, 338(1), 208–210. <https://doi.org/10.1046/j.1365-8711.2003.06041.x>
49. Lynden-Bell, D. (2004). Relativistically spinning charged sphere. *Physical Review D - Particles, Fields, Gravitation and Cosmology*, 70(10), 104014–104021. <https://doi.org/10.1103/PhysRevD.70.104021>
50. Lynden-Bell, D. (2004). Electromagnetic magic: The relativistically rotating disk. *Physical Review D - Particles, Fields, Gravitation and Cosmology*, 70(10), 105010–105017. <https://doi.org/10.1103/PhysRevD.70.105017>
51. Lynden-Bell, D., & Lynden-Bell, R. M. (2004). Relaxation to a perpetually pulsating equilibrium. *Journal of Statistical Physics*, 117(1–2), 199–209. <https://doi.org/10.1023/B:JOSS.0000044068.53435.eb>
52. Lynden-Bell, D., & Willstrop, R. V. (2004). Exact optics - IV. Small “trumpet” correctors for large spheres. *Monthly Notices of the Royal Astronomical Society*, 351(1), 317–323. <https://doi.org/10.1111/j.1365-2966.2004.07789.x>
53. Lynden-Bell, D. (2004). Relativistically spinning charged sphere. *Physical Review D - Particles, Fields, Gravitation and Cosmology*, 70(10), 14. <https://doi.org/10.1103/PhysRevD.70.104021>
54. Lynden-Bell, D. (2004). Electromagnetic magic: The relativistically rotating disk. *Physical Review D - Particles, Fields, Gravitation and Cosmology*, 70(10), 10. <https://doi.org/10.1103/PhysRevD.70.105017>

55. Bičák, J., Lynden-Bell, D., & Katz, J. (2004). Do rotations beyond the cosmological horizon affect the local inertial frame? *Physical Review D - Particles, Fields, Gravitation and Cosmology*, 69(6), 12. <https://doi.org/10.1103/PhysRevD.69.064011>
56. Bičák, J., Lynden-Bell, D., & Katz, J. (2004). Toroidal perturbations of Friedmann-Robertson-Walker universes. *Physical Review D - Particles, Fields, Gravitation and Cosmology*, 69(6), 13. <https://doi.org/10.1103/PhysRevD.69.064012>
57. Arad, I., & Lynden-Bell, D. (2005). Inconsistency in theories of violent relaxation. *Monthly Notices of the Royal Astronomical Society*, 361(2), 385–395. <https://doi.org/10.1111/j.1365-2966.2005.09133.x>
58. Katz, J., Lynden-Bell, D., & Bičák, J. (2006). Gravitational energy in stationary spacetimes. *Classical and Quantum Gravity*, 23(23). <https://doi.org/10.1088/0264-9381/23/23/030>
59. Lynden-Bell, D. (2006). Magnetic jets from swirling discs. *Monthly Notices of the Royal Astronomical Society*, 369(3), 1167–1188. <https://doi.org/10.1111/j.1365-2966.2006.10349.x>
60. Lynden-Bell, D. (2006). Hamilton's eccentricity vector generalized to Newton wonders. *Observatory*, 126(1192), 176–182.
61. Pichon, C., & Lynden-Bell, D. (2006). Lattice melting in perpetually pulsating equilibria. *Comptes Rendus Physique*, 7(3–4), 373–382. <https://doi.org/10.1016/j.crhy.2006.03.007>
62. Bičák, J., Katz, J., & Lynden-Bell, D. (2007). Cosmological perturbation theory, instantaneous gauges, and local inertial frames. *Physical Review D - Particles, Fields, Gravitation and Cosmology*, 76(6). <https://doi.org/10.1103/PhysRevD.76.063501>
63. Rowan-Robinson, M., Priest, E. R., Gubbins, D., Gubbins, Hide, R., Hide, ... Murdin. (2007). Meeting of the royal astronomical society: Friday 2007 February 9th at 16h 00m in the Geological Society Lecture Theatre, Burlington House. *Observatory*, 127(1199), 216–221.
64. Jin, S., & Lynden-Bell, D. (2007). Are Complex A and the Orphan stream related? *Monthly Notices of the Royal Astronomical Society: Letters*, 378(1), L64–L66. <https://doi.org/10.1111/j.1745-3933.2007.00321.x>
65. Sherwin, B. D., & Lynden-Bell, D. (2007). Electromagnetic fields in jets. *Monthly Notices of the Royal Astronomical Society*, 378(2), 409–415. <https://doi.org/10.1111/j.1365-2966.2007.11791.x>
66. Gair, J. R., & Lynden-Bell, D. (2007). Electromagnetic fields of separable spacetimes. *Classical and Quantum Gravity*, 24(6). <https://doi.org/10.1088/0264-9381/24/6/012>
67. Belokurov, V., Evans, N. W., Irwin, M. J., Lynden-Bell, D., Yanny, B., Vidrih, S., ... York, D. G. (2007). An orphan in the “field of streams.” *Astrophysical Journal*, 658(1 I), 337–344. <https://doi.org/10.1086/511302>
68. Lynden-Bell, D., Katz, J., & Bičák, J. (2007). Erratum: Energy and angular momentum densities of stationary gravitational fields (*Physical Review D - Particles, Fields, Gravitation and Cosmology* (2007) 75 (024040)). *Physical Review D - Particles, Fields, Gravitation and Cosmology*, 75(4). <https://doi.org/10.1103/PhysRevD.75.049901>
69. Pichon, C., Lynden-Bell, D., Pichon, J., & Lynden-Bell, R. (2007). Lattice melting and rotation in perpetually pulsating equilibria. *Physical Review E - Statistical, Nonlinear, and Soft Matter Physics*, 75(1). <https://doi.org/10.1103/PhysRevE.75.011125>
70. Lynden-Bell, D., Katz, J., & Bičák, J. (2007). Energy and angular momentum densities of stationary gravitational fields. *Physical Review D - Particles, Fields, Gravitation and Cosmology*, 75(2). <https://doi.org/10.1103/PhysRevD.75.024040>
71. Lynden-Bell, D., & Jin, S. (2007). Geometrodynamical distances to cloud streams. In *Astrophysics and Space Science Proceedings* (pp. 283–286). https://doi.org/10.1007/978-1-4020-5573-7_46

72. Gourgoulatos, K. N., & Lynden-Bell, D. (2008). Fields from a relativistic magnetic explosion. *Monthly Notices of the Royal Astronomical Society*, 391(1), 268–282. <https://doi.org/10.1111/j.1365-2966.2008.13877.x>
73. Lynden-Bell, D., & Jin, S. (2008). Erratum: Analytic central orbits and their transformation group (*Monthly Notices of the Royal Astronomical Society* 386 (245–260)). *Monthly Notices of the Royal Astronomical Society*, 389(1), 496. <https://doi.org/10.1111/j.1365-2966.2008.13473.x>
74. Bik, J., Katz, J., & Lynden-Bell, D. (2008). Gravitational waves and dragging effects. *Classical and Quantum Gravity*, 25(16). <https://doi.org/10.1088/0264-9381/25/16/165017>
75. Lynden-Bell, D., Bik, J., & Katz, J. (2008). Inertial frame rotation induced by rotating gravitational waves. *Classical and Quantum Gravity*, 25(16). <https://doi.org/10.1088/0264-9381/25/16/165018>
76. Yahalom, A., & Lynden-bell, D. (2008). Simplified variational principles for barotropic magnetohydrodynamics. *Journal of Fluid Mechanics*, 607, 235–265. <https://doi.org/10.1017/S0022112008002024>
77. Lynden-Bell, D., & Willstrop, R. V. (2008). Exact optics - VI. Schmidt cameras and prime correctors. *Monthly Notices of the Royal Astronomical Society*, 387(2), 677–688. <https://doi.org/10.1111/j.1365-2966.2008.13227.x>
78. Lynden-Bell, D., & Lynden-Bell, R. M. (2008). Negative heat capacities do occur. Comment on “critical analysis of negative heat capacities in nanoclusters” by Michaelian K. and Santamaría-Holek I. *EPL*, 82(4). <https://doi.org/10.1209/0295-5075/82/43001>
79. Lynden-Bell, D., & Jin, S. (2008). Analytic central orbits and their transformation group. *Monthly Notices of the Royal Astronomical Society*, 386(1), 245–260. <https://doi.org/10.1111/j.1365-2966.2008.13018.x>
80. Jin, S., & Lynden-Bell, D. (2008). Geometrodynamical distances to the Galaxy’s hydrogen streams. *Monthly Notices of the Royal Astronomical Society*, 383(4), 1686–1694. <https://doi.org/10.1111/j.1365-2966.2007.12704.x>
81. Jin, S., & Lynden-Bell, D. (2008). Distances to streams of high velocity clouds. In *Astrophysics and Space Science Proceedings* (p. 340). https://doi.org/10.1007/978-0-387-72768-4_76
82. Lynden-Bell, D., & Booth, R. (2009). Unfamiliar integrals and motions down the “plug-hole” potential. *Physica D: Nonlinear Phenomena*, 238(22), 2246–2249. <https://doi.org/10.1016/j.physd.2009.09.008>
83. Lynden-Bell, D. (2009). Absolute versus relative motion in mechanics. In *Astrophysics and Space Science Proceedings* (pp. 319–324). https://doi.org/10.1007/978-3-540-75826-6_32
84. Lynden-Bell, D. (2010). Searching for insight. *Annual Review of Astronomy and Astrophysics*, 48, 1–19. <https://doi.org/10.1146/annurev-astro-081309-130859>
85. Lynden-Bell, D. (2010). Analytic orbits in any central potential. *Monthly Notices of the Royal Astronomical Society*, 402(3), 1937–1941. <https://doi.org/10.1111/j.1365-2966.2009.16019.x>
86. Cooke, R., & Lynden-Bell, D. (2010). Does the Universe accelerate equally in all directions? *Monthly Notices of the Royal Astronomical Society*, 401(3), 1409–1414. <https://doi.org/10.1111/j.1365-2966.2009.15755.x>
87. Katz, J., Lynden Bell, D., & Bičák, J. (2011). Centrifugal force induced by relativistically rotating spheroids and cylinders. *Classical and Quantum Gravity*, 28(6). <https://doi.org/10.1088/0264-9381/28/6/065004>
88. Gourgoulatos, K. N., & Lynden-Bell, D. (2011). Corotating light cylinders and Alfvén waves. *Monthly Notices of the Royal Astronomical Society*, 410(1), 257–262. <https://doi.org/10.1111/j.1365-2966.2010.17440.x>

89. Lynden-Bell, D., & Katz, J. (2012). Toroidal metrics: Gravitational solenoids and static shells. *Classical and Quantum Gravity*, 29(11). <https://doi.org/10.1088/0264-9381/29/11/115010>
90. Bičák, J., Katz, J., Ledvinka, T., & Lynden-Bell, D. (2012). Effects of rotating gravitational waves. *Physical Review D - Particles, Fields, Gravitation and Cosmology*, 85(12). <https://doi.org/10.1103/PhysRevD.85.124003>
91. Lynden-Bell, D., Bičák, J., & Katz, J. (2012). On fast linear gravitational dragging. *Classical and Quantum Gravity*, 29(1). <https://doi.org/10.1088/0264-9381/29/1/017001>
92. Lynden-Bell, D. (2014). The torqued cylinder and Levi-Civita's metric. *Classical and Quantum Gravity*, 31(7). <https://doi.org/10.1088/0264-9381/31/7/072001>
93. Lynden-Bell, D., & Katz, J. (2014). Thought experiments on gravitational forces. *Monthly Notices of the Royal Astronomical Society*, 438(4), 3163–3176. <https://doi.org/10.1093/mnras/stt2423>
94. Lynden-Bell, D., & Katz, J. (2014). Gravomagnetic solenoids. In *Springer Proceedings in Physics* (Vol. 157, pp. 155–160). https://doi.org/10.1007/978-3-319-06761-2_19
95. Yahalom, A., & Lynden-Bell, D. (2014). Variational principles for topological barotropic fluid dynamics. *Geophysical and Astrophysical Fluid Dynamics*, 108(6), 667–685. <https://doi.org/10.1080/03091929.2014.952725>
96. Bičák, J., Katz, J., Ledvinka, T., & Lynden-Bell, D. (2014). On the effects of rotating gravitational waves. In *Springer Proceedings in Physics* (Vol. 157, pp. 255–260). https://doi.org/10.1007/978-3-319-06761-2_32
97. Lynden-Bell, D. (2015). Bound central orbits. *Monthly Notices of the Royal Astronomical Society*, 447(2), 1962–1972. <https://doi.org/10.1093/mnras/stu2485>
98. Lynden-Bell, D. (2015). An approximate analytic inversion of Kepler's equation. *Monthly Notices of the Royal Astronomical Society*, 447(1), 363–365. <https://doi.org/10.1093/mnras/stu2326>
99. Lynden-Bell, D., & Moffatt, H. K. (2015). Flashpoint. *Monthly Notices of the Royal Astronomical Society*, 452(1), 902–909. <https://doi.org/10.1093/mnras/stv1255>
100. Lynden-Bell, D., & Bičák, J. (2016). Pressure in Lemaître-Tolman-Bondi solutions and cosmologies. *Classical and Quantum Gravity*, 33(7). <https://doi.org/10.1088/0264-9381/33/7/075001>
101. Lynden-Bell, D. (2016). Principal velocity surfaces in stellar dynamics. *Monthly Notices of the Royal Astronomical Society*, 458(1), 726–732. <https://doi.org/10.1093/mnras/stw229>
102. Evans, N. W., Sanders, J. L., Williams, A. A., An, J., Lynden-Bell, D., & Dehnen, W. (2016). The alignment of the second velocity moment tensor in galaxies. *Monthly Notices of the Royal Astronomical Society*, 456(4), 4506–4523. <https://doi.org/10.1093/mnras/stv2729>
103. Barker, W., Ledvinka, T., Lynden-Bell, D., & Bičák, J. (2017). Rotation of inertial frames by angular momentum of matter and waves. *Classical and Quantum Gravity*, 34(20). <https://doi.org/10.1088/1361-6382/aa8a34>
104. Lynden-Bell, D., & Bičák, J. (2017). Komar fluxes of circularly polarized light beams and cylindrical metrics. *Physical Review D*, 96(10). <https://doi.org/10.1103/PhysRevD.96.104053>
105. Lynden-Bell, D., & Chitre, S. A. L. (2018). Does viscosity turn inflation into the CMB and A? *Observatory*, 138(1262), 1–9.
106. Gourgoulatos, K. N., & Lynden-Bell, D. (2019). Coupled axisymmetric pulsar magnetospheres. *Monthly Notices of the Royal Astronomical Society*, 482(2), 1942–1954. <https://doi.org/10.1093/mnras/sty2766>