

# HEALPix: A Framework for High-Resolution Discretization Distributed on the Sphere

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Citation Report

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1936	Analysis of the Amplitude of the Sunyaev-Zel'dovich Effect out to Redshift $z=0.8$ . <i>Astrophysical Journal</i> , 2017, 840, 62.	1.6	5
1937	The Fermi Galactic Center GeV Excess and Implications for Dark Matter. <i>Astrophysical Journal</i> , 2017, 840, 43.	1.6	264
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1940	Sparse Image Reconstruction on the Sphere: Analysis and Synthesis. IEEE Transactions on Image Processing, 2017, 26, 5176-5187.	6.0	11
1941	Search for Very High-energy Gamma Rays from the Northern Fermi Bubble Region with HAWC. Astrophysical Journal, 2017, 842, 85.	1.6	28
1942	NPTFit: A Code Package for Non-Poissonian Template Fitting. Astronomical Journal, 2017, 153, 253.	1.9	27
1943	<i>Planck </i>intermediate results. Astronomy and Astrophysics, 2017, 599, A51.	2.1	46
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1945	Splashback Shells of Cold Dark Matter Halos. Astrophysical Journal, 2017, 841, 34.	1.6	67
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1947	First look at Jupiter's synchrotron emission from Juno's perspective. Geophysical Research Letters, 2017, 44, 8676-8684.	1.5	10
1948	Monopole and dipole estimation for multi-frequency sky maps by linear regression. Astronomy and Astrophysics, 2017, 597, A131.	2.1	16
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1951	Tensor Minkowski Functionals: first application to the CMB. Journal of Cosmology and Astroparticle Physics, 2017, 2017, 023-023.	1.9	22
1952	Area preserving maps and volume preserving maps between a class of polyhedrons and a sphere. Advances in Computational Mathematics, 2017, 43, 677-697.	0.8	2
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1958	Geographic and Annual Influences on Optical Follow-up of Gravitational Wave Events. <i>Astrophysical Journal</i> , 2017, 838, 46.	1.6	3
1959	Model-independent analyses of non-Gaussianity in Planck CMB maps using Minkowski functionals. <i>Classical and Quantum Gravity</i> , 2017, 34, 094002.	1.5	30
1960	Detection methods for stochastic gravitational-wave backgrounds: a unified treatment. <i>Living Reviews in Relativity</i> , 2017, 20, 2.	8.2	296
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1962	An improved model of diffuse galactic radio emission from 10ÂMHz to 5ÂHz. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 464, 3486-3497.	1.6	130
1963	Rapid formation of massive black holes in close proximity to embryonic protogalaxies. <i>Nature Astronomy</i> , 2017, 1, .	4.2	86
1964	Spherepix: A Data Structure for Spherical Image Processing. <i>IEEE Robotics and Automation Letters</i> , 2017, 2, 483-490.	3.3	10
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1966	An effective spherical panoramic LoD model for a mobile street view service. <i>Transactions in GIS</i> , 2017, 21, 897-915.	1.0	3
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1968	Indoor Scene Reconstruction Using Near-Light Photometric Stereo. <i>IEEE Transactions on Image Processing</i> , 2017, 26, 1089-1101.	6.0	13
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1971	Chemistry and radiative shielding in star-forming galactic discs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 465, 885-905.	1.6	44
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1978	INTEGRAL Detection of the First Prompt Gamma-Ray Signal Coincident with the Gravitational-wave Event GW170817. <i>Astrophysical Journal Letters</i> , 2017, 848, L15.	3.0	647
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1980	A sharper view of Pal 5's tails: discovery of stream perturbations with a novel non-parametric technique. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 470, 60-84.	1.6	82
1981	Stellar inventory of the solar neighbourhood using Gaia DR1. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 470, 1360-1387.	1.6	103
1982	PLATO <i>as it is</i> : A legacy mission for Galactic archaeology. <i>Astronomische Nachrichten</i> , 2017, 338, 644-661.	0.6	61
1983	Measuring galaxy cluster masses with CMB lensing using a Maximum Likelihood estimator: statistical and systematic error budgets for future experiments. <i>Journal of Cosmology and Astroparticle Physics</i> , 2017, 2017, 030-030.	1.9	23
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1986	Pure $E$ and $B$ polarization maps via Wiener filtering. <i>Physical Review D</i> , 2017, 96, ..	1.6	12
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1989	<i>Gaia</i> Data Release 1. <i>Astronomy and Astrophysics</i> , 2017, 605, A52.	2.1	5
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1991	The Formation of Rapidly Rotating Black Holes in High-mass X-Ray Binaries. <i>Astrophysical Journal Letters</i> , 2017, 846, L15.	3.0	25
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2033	The 2HWC HAWC Observatory Gamma-Ray Catalog. Astrophysical Journal, 2017, 843, 40.	1.6	200
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