

A simplified algorithm for the second-order sound field

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Second harmonic sound field after insertion of a biological tissue sample. Journal of the Acoustical Society of America, 2002, 111, 45-48.	0.5	16
2	Sound Field Calculations of Elliptical Pistons by the Superposition of Two-Dimensional Gaussian Beams. Chinese Physics Letters, 2002, 19, 1825-1827.	1.3	11
3	Some extensions of the Gaussian beam expansion: Radiation fields of the rectangular and the elliptical transducer. Journal of the Acoustical Society of America, 2003, 113, 3043.	0.5	59
4	A Simple Calculation Approach for the Second-Harmonic Sound Beam Generated by an Arbitrary Distribution Source. Chinese Physics Letters, 2004, 21, 503-506.	1.3	6
5	Notes on the Gaussian beam expansion. Journal of the Acoustical Society of America, 2004, 116, 1401-1405.	0.5	44
6	A Fast Field Scheme for the Parametric Sound Radiation from Rectangular Aperture Source. Chinese Physics Letters, 2004, 21, 110-113.	1.3	7
7	A simplified algorithm for second-order sound beams with arbitrary source distribution and geometry (L). Journal of the Acoustical Society of America, 2004, 115, 35-37.	0.5	17
8	High-resolution Echo-sounding and Detection of Embedded Archaeological Objects with Nonlinear Sub-bottom Profilers. Marine Geophysical Researches, 2005, 26, 123-133.	0.5	48
9	Supplementary notes on the Gaussian beam expansion. Journal of the Acoustical Society of America, 2005, 118, 608-611.	0.5	8
10	Modeling of finite-amplitude sound beams: second order fields generated by a parametric loudspeaker. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2005, 52, 610-618.	1.7	24
11	The Gaussian beam expansion applied to Fresnel field integrals. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2006, 53, 246-250.	1.7	8
12	A Fast Calculation Method for the Scattered Sound Fields from Two Sound Beams Using the Gaussian-Beam Expansion Technique. Japanese Journal of Applied Physics, 2008, 47, 4253-4256.	0.8	3
13	Second-harmonic generation of practical Bessel beams. Journal of Sound and Vibration, 2009, 328, 148-155.	2.1	6
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15	Difference-frequency generation in vibro-acoustography. Physics in Medicine and Biology, 2011, 56, 5985-5993.	1.6	18
16	3D simulation of parametric ultrasound fields. , 2012, , .		1
17	Further Notes on the Gaussian Beam Expansion. Chinese Physics Letters, 2012, 29, 024301.	1.3	1
18	An alternative method to measure the on-axis difference-frequency sound in a parametric loudspeaker without using an acoustic filter. Applied Acoustics, 2012, 73, 1244-1250.	1.7	9

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19	Deconvolution of vibroacoustic images using a simulation model based on a three dimensional point spread function. <i>Ultrasonics</i> , 2013, 53, 36-44.	2.1	6
20	Non-linear interaction of elastic waves in rocks. <i>Geophysical Journal International</i> , 2013, 194, 1920-1940.	1.0	10
21	Non-paraxial model for a parametric acoustic array. <i>Journal of the Acoustical Society of America</i> , 2013, 134, 933-938.	0.5	33
22	A Novel Algorithm for the Sound Field of Elliptically Shaped Transducers. <i>Chinese Physics Letters</i> , 2014, 31, 064301.	1.3	0
23	An efficient approach to computing third- order scattering of sound by sound with application to parametric arrays. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2014, 61, 1729-1741.	1.7	1
24	A Novel Algorithm for the Sound Field of Rectangular-Shaped Transducers. <i>Chinese Physics Letters</i> , 2015, 32, 124304.	1.3	1
25	On the Structure of Multi-Gaussian Beam Expansion Coefficients. <i>Acta Acustica United With Acustica</i> , 2015, 101, 15-23.	0.8	8
26	Development of an acoustic filter for parametric loudspeaker using phononic crystals. <i>Ultrasonics</i> , 2016, 67, 160-167.	2.1	20
27	Elastic Green's Function in Anisotropic Bimaterials Considering Interfacial Elasticity. <i>Journal of Elasticity</i> , 2018, 131, 277-296.	0.9	3
28	Highly Directional Acoustic Waves Generated by a Horned Parametric Acoustic Array Loudspeaker. <i>Journal of Vibration and Acoustics, Transactions of the ASME</i> , 2019, 141, .	1.0	8
29	A versatile computational approach for the numerical modelling of parametric acoustic array. <i>Journal of the Acoustical Society of America</i> , 2019, 146, 2163-2169.	0.5	23
30	Parametric Acoustic Array and Its Application in Underwater Acoustic Engineering. <i>Sensors</i> , 2020, 20, 2148.	2.1	18
31	Parametric array signal in confocal vibro-acoustography. <i>Applied Acoustics</i> , 2017, 126, 143-148.	1.7	13
32	Second-harmonic generation of the Bessel sound beam of several lobes. <i>Wuli Xuebao/Acta Physica Sinica</i> , 2011, 60, 124302.	0.2	3
33	Spurious-sound-free measurement of parametric acoustic array using optical interferometry. <i>JASA Express Letters</i> , 2021, 1, 112801.	0.5	1
34	Experimental validation of acoustic and thermal modeling in heterogeneous phantoms using the hybrid angular spectrum method. <i>International Journal of Hyperthermia</i> , 2021, 38, 1617-1626.	1.1	2
35	An algebraic correction for the Westervelt equation to account for the local nonlinear effects in parametric acoustic array. <i>Journal of the Acoustical Society of America</i> , 2022, 151, 4046-4052.	0.5	7
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