

# Nonlinear Waves

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### **LINEAR AND NONLINEAR WAVES - SCHOLARPEdia**

*Mon, 29 Jun 2009 13:39:00 GMT*

standing waves' occur when two traveling waves of equal amplitude and speed, but opposite direction, are superposed. the effect is that the wave amplitude ...

### **SIAM: SIAM CONFERENCE ON NONLINEAR WAVES AND COHERENT ...**

*Sun, 30 Apr 2017 03:43:00 GMT*

the travel award deadline for this conference has been extended from january 29, 2016 to february 22, 2016. sponsored by the siam activity group on nonlinear waves ...

### **NONLINEAR ACOUSTICS - WIKIPEDIA**

*Thu, 04 May 2017 04:50:00 GMT*

nonlinear acoustics (nla) is a branch of physics and acoustics dealing with sound waves of sufficiently large amplitudes. large amplitudes require using full systems ...

### **NONLINEAR WAVES - WIKI WAVES**

*Wed, 26 Apr 2017 09:10:00 GMT*

introduction. we derived the properties of an ocean surface wave assuming waves were infinitely small  $\epsilon \ll 1$ . if the waves are small  $\epsilon \ll 1$  ...

### **NONLINEAR WAVES: SOLITONS - TU CHEMNITZ**

*Sat, 06 May 2017 22:42:00 GMT*

solitons are nonlinear waves. as a preliminary definition, a soliton is considered as solitary, traveling wave pulse solution of nonlinear partial differential ...

### **NONLINEAR WAVES - DEPARTMENT OF MATHEMATICS**

*Mon, 01 May 2017 11:56:00 GMT*

the study of nonlinear wave phenomena is of broad scientific interest. it pertains to the understanding of real water waves, the interaction of light with matter ...

### **NONLINEAR WAVES - SCIENCE DIRECT**

*Mon, 03 Apr 2017 03:47:00 GMT*

nonlinear waves andrea donato department of mathematics university of messina, italy abstract a quasilinear hyperbolic system which is invariant under scaling is ...

### **LINEAR AND NONLINEAR WAVES - INTERNET ARCHIVE**

*Wed, 03 May 2017 01:38:00 GMT*

g.b. whitam linear and nonlinear waves john wiley & sons inc. 1974 acrobat 7 pdf 22.1 mb. scanned by artmisa using canon dr2580c + flatbed option

### **SESSION "NONLINEAR WAVES IN SYSTEMS WITH PT ... - SIAM**

*Tue, 25 Apr 2017 10:59:00 GMT*

sponsored by the siam activity group on nonlinear waves and coherent structures. this conference is being held in cooperation with the institute of mathematics and ...

### **NONLINEAR WAVES: AN INTRODUCTION | SERIES ON ANALYSIS ...**

*Mon, 16 Jan 2017 18:04:00 GMT*

this book deals with equations of mathematical physics as the different modifications of the kdv equation, the camassa-holm type equations, several modifications of ...

### **LECTURES ON NONLINEAR WAVES AND SHOCKS**

*Wed, 26 Apr 2017 20:52:00 GMT*

lectures on nonlinear waves and shocks by cathleen s. morawetz lectures delivered at the indian institute of science, bangalore under the t.i.f.r. — i.i ...

### **NONLINEAR WAVES - RESEARCHGATE**

*Wed, 25 Jan 2017 23:59:00 GMT*

contents 1. introduction 40 2. simple waves 40 3. nonlinear waves in weakly dispersive media 42 4. self-focusing and self-contraction of wave packets 49 5.

### **13 NONLINEAR WAVES - UNIVERSITY OF TOKYO**

*Mon, 24 Apr 2017 09:20:00 GMT*

13 nonlinear waves in linear theory, the wave amplitude is assumed to be sufficiently small to ignore contributions of terms of second order and higher (i.e ...

### **NUMERICAL METHODS FOR NONLINEAR WAVES - JOHNDFENTON**

*Fri, 28 Apr 2017 09:37:00 GMT*

numerical methods for nonlinear waves john d. fenton 1. introduction the first statement that should be made about the use of fully-nonlinear numerical methods for waves

### **AMAZON: NONLINEAR WAVES, SOLITONS AND CHAOS ...**

*Sun, 30 Jul 2000 23:58:00 GMT*

buy nonlinear waves, solitons and chaos on amazon free shipping on qualified orders

### **LINEAR AND NONLINEAR WAVES - AMAZON**

*Wed, 30 Jun 1999 23:55:00 GMT*

buy linear and nonlinear waves on amazon free shipping on qualified orders

### **NONLINEAR WAVES 2016: SUMMER SCHOOL (18-29 JUILLET 2016)**

*Mon, 24 Apr 2017 01:56:00 GMT*

organized as part of the iHÉs lectures, this 2-weeks summer school will be the last major scientific event of the special trimester on non-linear waves that will ...

### **NONLINEAR WAVES - SPRINGER**

*Thu, 27 Apr 2017 19:53:00 GMT*

in this chapter we shall study some problems of wave propagation in the nonlinear case. we shall consider models without newtonian viscosity which give rise to ...

### **NONLINEAR WAVES - RESEARCHGATE**

*Wed, 12 Oct 2016 23:54:00 GMT*

nonlinear waves on researchgate, the professional network for scientists.

### **SOLITONS AND OTHER NONLINEAR WAVES OF THE BOUSSINESQ ...**

*Tue, 17 Jul 2012 23:58:00 GMT*

solitons and other nonlinear waves of the boussinesq equation. ... zerrad, e., biswas, a.: solitons and other nonlinear waves for the perturbed boussinesq equation ...

### **WAVE EQUATION - WIKIPEDIA**

*Thu, 04 May 2017 12:14:00 GMT*

the wave equation is an important second-order linear partial differential equation for the description of waves—as they occur in physics—such as sound waves ...

### **NONLINEAR WAVES IN LATTICE MATERIALS: ADAPTIVELY AUGMENTED ...**

*Tue, 25 Apr 2017 05:01:00 GMT*

the motive of this work is to understand the complex spatial characteristics of finite-amplitude elastic wave propagation in periodic structures and leverage th

### **SPECTRAL STABILITY OF NONLINEAR WAVES IN KDV-TYPE ...**

*Sat, 06 May 2017 08:16:00 GMT*

spectral stability of nonlinear waves in kdv-type evolution equations dmitry pelinovsky department of mathematics, mcmaster university, hamilton, ontario, canada, 18s 4k1

### **NONLINEAR WAVES - CALVIN COLLEGE**

*Mon, 24 Apr 2017 09:41:00 GMT*

foreword waves, patterns and other permanent structures have always played a piv-otal role in applied mathematics. it is the proverbial no-brainer that they

### **NON LINEAR DYNAMICS - NONLINEAR WAVES SUPERPOSITION ...**

*Sat, 29 Apr 2017 12:20:00 GMT*

non-linear waves do not superimpose to each other, but why? what characteristics give this property?

### **NONLINEAR WAVES IN BOUNDED MEDIA: THE MATHEMATICS OF ...**

*Thu, 23 Mar 2017 05:40:00 GMT*

this unique book aims to treat a class of nonlinear waves that are reflected from the boundaries of media of finite extent. it involves both standing (unforced) waves ...

### **LECTURE 1: BASICS OF NONLINEAR WAVES**

*Sun, 30 Apr 2017 00:09:00 GMT*

lecture 1: basics of nonlinear waves the wave equation. consider the wave equation  $u_{tt} - u_{xx} = 0$ , with  $u$ ,  $x$ , and  $t$  real. typically pose an initial-value problem to ...

### **THE THIRD INTERNATIONAL CONFERENCE: NONLINEAR WAVES ...**

*Fri, 24 Mar 2017 14:57:00 GMT*

based on the success of these two conferences, we are now organizing the third international conference: "nonlinear waves --- theory and applications" in beijing ...

### **NONLINEAR WAVE EQUATIONS - WOLFRAM DEMONSTRATIONS PROJECT**

*Sat, 06 May 2017 18:45:00 GMT*

explore thousands of free applications across science, mathematics, engineering, technology, business, art, finance, social sciences, and more.

### **STRONGLY NONLINEAR WAVES - JOHN FENTON HOMEPAGE**

*Sun, 30 Apr 2017 01:20:00 GMT*

strongly nonlinear waves 41 (1.1-1.4). by considering a coordinate frame in which one axis is parallel to the direction of propagation the problem is made two ...

### **INTRODUCTION TO THE MATHEMATICAL PHYSICS OF NONLINEAR WAVES**

*Mon, 03 Apr 2017 14:17:00 GMT*

nonlinear physics is a well-established discipline in physics today, and this book offers a comprehensive account of the basic soliton theory and its applications.

### **NONLINEAR WAVES - AIRUSFO**

*Wed, 10 May 2017 07:49:00 GMT*

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### **GENERATION OF DISPERSION IN NON-DISPERSIVE NONLINEAR WAVES ...**

*Wed, 26 Apr 2017 17:24:00 GMT*

generation of dispersion in non-dispersive nonlinear waves in thermal equilibrium wonjung lee \* †, gregor kovačič ‡, and david cai § ¶ k