

Luttinger Model

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LUTTINGER-KOHN MODEL - WIKIPEDIA

Thu, 31 Mar 2016 23:56:00 GMT

a flavor of the k-p perturbation theory used for calculating the structure of multiple, degenerate electronic bands in bulk and quantum well semiconductors. the ...

LUTTINGER LIQUID - WIKIPEDIA

Thu, 27 Apr 2017 08:33:00 GMT

a tomonaga-luttinger liquid, more often referred to as simply a luttinger liquid, is a theoretical model describing interacting electrons (or other fermions) in a one ...

LUTTINGER MODEL: THE FIRST 50 YEARS AND SOME NEW ...

Sat, 12 Nov 2016 17:41:00 GMT

the luttinger model is the only model of many-fermion physics with legitimate claims to be both exactly and completely solvable. in several respects it plays the same ...

THE LUTTINGER MODEL - RESEARCHGATE

Sat, 29 Apr 2017 09:43:00 GMT

the thermodynamic correlation functions of the luttinger model are computed. the main tool is a precise bosonization formula for the fermion field.

THE LUTTINGER MODEL | SPRINGERLINK

Sun, 23 Apr 2017 09:35:00 GMT

the thermodynamic correlation functions of the luttinger model are computed. the main tool is a precise bosonization formula for the fermion field.

LUTTINGER MODEL - WORLD SCIENTIFIC PUBLISHING COMPANY

Thu, 11 Feb 2016 12:59:00 GMT

many fundamental one-dimensional lattice models such as the heisenberg or the hubbard model are integrable. for these microscopic models, parameters in the luttinger ...

A 2D LUTTINGER MODEL | SPRINGERLINK

Tue, 17 Aug 2010 23:57:00 GMT

abstract. a detailed derivation of a two dimensional (2d) low energy effective model for spinless fermions on a square lattice with local interactions is given.

FUNCTIONAL BOSONISATION OF THE TOMONAGA-LUTTINGER MODEL

Mon, 13 Mar 2017 04:26:00 GMT

functional bosonisation of tomonaga- luttinger model 4157 this paper is organised as follows. in § 2, the spinless tomonaga-luttinger model

A 2D LUTTINGER MODEL - ARXIV

Mon, 27 Jun 2016 06:27:00 GMT

arxiv:0903.0055v2 [math-ph] 7 jul 2009 july 7, 2009 a 2d luttinger model edwin langmann theoretical physics, kth se-10691 stockholm, sweden langmann@kth

A 2D LUTTINGER MODEL - RESEARCHGATE

Tue, 21 Mar 2017 23:58:00 GMT

a detailed derivation of a two dimensional (2d) low energy effective model for spinless fermions on a square lattice with local interactions is given.

A 2D LUTTINGER MODEL - ARXIV

Fri, 10 Feb 2017 13:31:00 GMT

arxiv:0903.0055v3 [math-ph] 14 apr 2010 april 14, 2010 a 2d luttinger model edwin langmann theoretical physics, kth se-10691 stockholm, sweden langmann@kth

ABRIEFEXPOSITIONONLUTTINGERLIQUIDTHEORY - HARVARD UNIVERSITY

Mon, 10 Apr 2017 08:18:00 GMT

abriefexpositiononluttingerliquidtheory temple he december 6, 2012 1 introduction luttinger liquid theory is a relatively simple model used to describe interacting ...

A GENERALISATION OF THE LUTTINGER MODEL - IOPSCIENCE

Sun, 25 Dec 2016 05:30:00 GMT

generalisation of the luttinger model 4819 3.3. the action of the $s(a, p)$ transformation upon the density operators the density operators $p = \exp[is(a, p)]p \exp[-is(a ...$

LUTTINGER MODEL AND LUTTINGER LIQUIDS - DIREZIONE

Mon, 03 Apr 2017 18:13:00 GMT

april 27, 2012 0:14 world scienti c book - 9in x 6in kk2 1 luttinger model and luttinger liquids vieri mastropietro university of rome tor vergata, math.

MODIFIED LUTTINGER MODEL AND QUANTUM WIRES

Sat, 11 Mar 2017 22:15:00 GMT

abstract. luttinger model reproduces well the plasmons energy spectrum of quantum wires but it gives a momenta distribution where the fermi surface has disappeared.

THE LUTTINGER MODEL - SPRINGERLINK

Thu, 27 Apr 2017 12:51:00 GMT

the luttinger model 29 special interaction considered by mattis and overhauser the model was still soluble because it could be translated into two ...

PROPERTIES OF THE LUTTINGER MODEL - SCIENCEDIRECT

Thu, 13 Apr 2017 04:18:00 GMT

an exactly soluble model of a one dimensional interacting fermi system, first studied by luttinger and by mattis and lieb, is re-examined. the emphasis is on the ...

LUTTINGER MODEL - SZSKPFO

Sat, 13 May 2017 21:29:00 GMT

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LUTTINGER MODEL: THE FIRST 50 YEARS AND SOME NEW ...

luttinger model: the first 50 years and some new directions: vieri mastropietro: 9789814520713: books - amazon

'LUTTINGER LIQUID THEORY' OF ONE-DIMENSIONAL QUANTUM ...

Sun, 23 Apr 2017 22:00:00 GMT

'luttinger liquid theory' of 1 d quantum fluids: i 2587 the organisation of this paper is as follows. to avoid confusion, it deals only with

THE LUTTINGER MODEL: ITS ROLE IN THE RG-THEORY OF ONE ...

Fri, 21 Apr 2017 22:09:00 GMT

journal of statistical physics, vol. 103, nos.3 4, 2001 the luttinger model: its role in the rg-theory of one dimensional many body fermi systems

CITeseerX — A 2D LUTTINGER MODEL

Thu, 31 Dec 2009 23:57:00 GMT

we derive a low energy effective model for a two dimensional (2d) system of spinless fermions on a square lattice with repulsive short-range interactions and away ...

LUTTINGER MODEL (JOURNAL ARTICLE) | SCITECH CONNECT

Tue, 21 Mar 2017 20:01:00 GMT

the thermodynamic correlation functions of the luttinger model are computed. the main tool is a precise bosonization formula for the fermion field.

1 LUTTINGER MODEL AND LUTTINGER LIQUIDS - CITeseerX

Thu, 31 Dec 2009 23:57:00 GMT

abstract: the luttinger model owes its solvability to a number of peculiar features, like its linear relativistic dispersion relation, which are absent in more ...

THE LUTTINGER MODEL: ITS ROLE IN THE RG-THEORY OF ONE ...

Thu, 07 May 2015 03:22:00 GMT

@misc{gallavotti00theluttinger, author = {giovanni gallavotti}, title = {the luttinger model: its role in the rg-theory of one dimensional many body fermi systems ...

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LUTTINGER MODEL: THE FIRST 50 YEARS AND SOME NEW ...

Wed, 12 Apr 2017 01:42:00 GMT

the luttinger model is the only model of many-fermion physics with legitimate claims to be both exactly and completely solvable. in several respects it pla

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THE LUTTINGER LIQUID AND INTEGRABLE MODELS

Sat, 29 Oct 2016 00:25:00 GMT

luttinger model: the first 50 years and some new directions. edited by mastropietro vieri et al. published by world scientific publishing co. pte. ltd., 2014. isbn ...