

Jan von Delft: Publication List

(June 6, 2018)

Links to almost all publications below can be found at:

<http://homepages.physik.uni-muenchen.de/~vondelft/publi.html>

[Square brackets] or {curly brackets} behind publications give the number of citations according to [ISI Web of Science, <http://apps.isiknowledge.com>] or {SAO/NASA Astrophysics Data System (ADS), http://adsabs.harvard.edu/abstract_service.html}, as of October 26, 2012. Search for “von Delft” and “Vondelft” and “Delft”. Citation numbers marked * are not given correctly by the ISI *author finder*, but can be obtained by doing a *cited references search* for the first author, which also reveals citations of arXiv articles.

according to Google Scholar, 06.06.2018:

h-index: 45

Citations: 7144

Submitted:

144. *Functional Renormalization Group treatment of the 0.7-analog in quantum point contacts*
L. Weidinger, C. Schmauder, D. H. Schimmel and J. von Delft
arXiv:1805.06311 (2018).

143. *Flavor fluctuations in 3-level quantum dots: Generic SU(3)-Kondo fixed point in equilibrium and non-Kondo fixed points in nonequilibrium*
C.J. Lindner, F.B. Kugler, H. Schoeller, J. von Delft
arXiv: 1802.09976 [cond-mat.mes-hall]

142. *Nonequilibrium Kondo effect in a magnetic field: Auxiliary master equation approach*
D. M. Fugger, A. Dorda, F. Schwarz, J. von Delft, E. Arrigoni
New. J. Phys. 20, 013030 (2018), arXiv:1708.05750 [cond-mat.str-el]

Published:

141. *Two-color Fermi liquid theory for transport through a multilevel Kondo impurity*
D. B. Karki, C. Mora, J. von Delft, M.N. Kiselev
Phys. Rev. B 97, 195403 (2018) [Editor’s suggestion], arXiv:1802.00407 [cond-mat.mes-hall]

140. *Filling-driven Mott transition in SU(N) Hubbard models*
S.-S. B. Lee, J. von Delft, A. Weichselbaum
Phys. Rev. B 97, 165143 (2018), arXiv:1710.04057 [cond-mat.str-el]

139. *Generalized Schrieffer-Wolff transformation of multi-flavor Hubbard models*
S.-S. B. Lee, J. von Delft, A. Weichselbaum
Phys. Rev. B 96, 245106 (2017), arXiv:1710.01171 [cond-mat.str-el]

138. *Nonequilibrium Kondo effect in a magnetic field: Auxiliary master equation approach*
D. M. Fugger, A. Dorda, F. Schwarz, J. von Delft, E. Arrigoni
New. J. Phys. 20, 013030 (2018), arXiv:1708.05750 [cond-mat.str-el]

137. *Fermi-edge exciton-polaritons in doped semiconductor microcavities with finite hole mass*
D. Pimenov, J. von Delft, L. Glazman, M. Goldstein
Rev. B 96, 155310 (2017), arXiv:1707.08613 [cond-mat.str-el]

136. *Multiloop functional renormalization group for general models*
F. B. Kugler, J. von Delft,
Phys. Rev. B **97**, 035162 (2018), arXiv:1707.04536 [cond-mat.str-el]
135. *Fermi-edge singularity and the functional renormalization group*
F. B. Kugler, J. von Delft
J. Phys.: Condens. Matter **30**, 195501 (2018), arXiv:1706.06872 [cond-mat.str-el]
134. *Doublon-holon origin of the subpeaks at the Hubbard band edges*
S.-S. B. Lee, J. von Delft, A. Weichselbaum
Phys. Rev. Lett. **119**, 236402 (2017), arXiv:1705.03910 [cond-mat.str-el]
133. *Derivation of Oguri's linear conductance formula for interacting fermions within the Keldysh formalism*
J. Heyder, F. Bauer, D. Schimmel, J. von Delft
Phys. Rev. B **96**, 125141 (2017), arXiv:1704.05751 [cond-mat.str-el]
132. *Multiloop functional renormalization group that sums up all parquet diagrams*
F. B. Kugler, J. von Delft
Phys. Rev. Lett. **120**, 057403 (2018), arXiv:1703.06505 [cond-mat.str-el]
131. *Spin fluctuations in the 0.7-anomaly in quantum point contacts*
D. Schimmel, B. Bruognolo, J. von Delft
Rev. Lett. **119**, 196401 (2017), arXiv:1703.02734 [cond-mat.mes-hall]
130. *Open Wilson chains for quantum impurity models: Keeping track of all bath modes*
B. Bruognolo, N.-O. Linden, F. Schwarz, S.-S. B. Lee, K. Stadler, A. Weichselbaum, M. Vojta, F. B. Anders, J. von Delft
Phys. Rev. B **95**, 121115 (2017), arXiv:1611.05291 [cond-mat.str-el]
129. *At which magnetic field, exactly, does the Kondo resonance begin to split?*
M. Filippone, C. Moca, J. von Delft, C. Mora
Phys. Rev. B **95**, 165404 (2017), arXiv:1609.06165v2 [cond-mat.mes-hall]
This paper has been retracted and a revised version has been submitted to Phys. Rev. B.
130. *Functional Renormalization Group Approach for Inhomogeneous One-Dimensional Fermi Systems with Finite-Ranged Interactions*
L. Weidinger, F. Bauer, J. von Delft
Phys. Rev. B **95**, 035122 (2017), arXiv:1609.07423 [cond-mat.str-el]
128. *Low-temperature behavior of transmission phase shift across a Kondo correlated quantum dot*
S. Takada, M. Yamamoto, C. Bäuerle, A. Alex, J. von Delft, A. Ludwig, A. D. Wieck, S. Tarucha
Phys. Rev. B **94**, 081303(R) (2016), arXiv:1608.05823 [cond-mat.mes-hall]
127. *Anatomy of quantum critical wave functions in dissipative impurity problems*
Z. Blunden-Codd, S. Bera, B. Bruognolo, N.-O. Linden, A. W. Chin, J. von Delft, A. Nazir, S. Florens
Phys. Rev. B **95**, 085104 (2017), arXiv:1608.00799 [cond-mat.str-el]
126. *FuggePim*, arXiv:1606.03294 [cond-mat.str-el]

125. *Lindblad-Driven Discretized Leads for Non-Equilibrium Steady-State Transport in Quantum Impurity Models: Recovering the Continuum Limit*
F. Schwarz, M. Goldstein, A. Dorda, E. Arrigoni, A. Weichselbaum, J. von Delft
Phys. Rev. B **94** 155142 (2016) arXiv:1604.02050 [cond-mat.str-el]
124. *Emergent spin-1 trimerized valence bond crystal in the spin-1/2 Heisenberg model on the star lattice*
S.-J. Ran, W. Li, S.-S. Gong, A. Weichselbaum, J. von Delft, G. Su
arXiv:1508.03451 [cond-mat.str-el]
123. *Interleaved numerical renormalization group as an efficient multiband impurity solver*
K. M. Stadler, A.K. Mitchel, J. von Delft, A. Weichselbaum
Phys. Rev. B **93**, 235101 (2016), arXiv:1602.02182 [cond-mat.str-el]
122. *Thermalization and dynamics in the single-impurity Anderson model*
I. Weymann, A. Weichselbaum, J. von Delft
Phys. Rev. B **92**, 155435 (2015) [Editor's suggestion], arXiv:1507.03398 [cond-mat.mes-hall]
121. *Symmetric minimally entangled typical thermal states*
B. Bruognolo, J. von Delft, A. Weichselbaum
Phys. Rev. B **92**, 115105 (2015), arXiv:1506.03336 [cond-mat.str-el]
120. *Dynamical Mean-Field Theory Plus Numerical Renormalization-Group Study of Spin-Orbital Separation in a Three-Band Hund Metal*
K. M. Stadler, Z. P. Yin, J. von Delft, G. Kotliar, A. Weichselbaum
Phys. Rev. Lett. **115**, 136401 (2015), arXiv:1503.06467 [cond-mat.str-el]
119. *Hexagon-singlet solid ansatz for the spin-1 kagome antiferromagnet*
W. Li, A. Weichselbaum, J. von Delft, H.-H. Tu
Phys. Rev. B **91**, 224414 (2015), arXiv:1412.7123 [cond-mat.str-el]
118. *Two-bath spin-boson model: Phase diagram and critical properties*
B. Bruognolo, A. Weichselbaum, C. Guo, J. von Delft, I. Schneider, M. Vojta
Phys. Rev. B **90**, 245130 (2014), arXiv:1410.3821 [cond-mat.stat-mech]
117. *Fermi-liquid theory for the single-impurity Anderson model*
C. Mora, C. P. Moca, J. von Delft, G. Zaránd
Phys. Rev. B **92**, 075120 (2015), arXiv:1409.3451 [cond-mat.mes-hall]
116. *Relation between the 0.7-anomaly and the Kondo effect: Geometric Crossover between a Quantum Point Contact and a Kondo Quantum Dot*
J. Heyder, F. Bauer, E. Schubert, D. Borowsky, D. Schuh, W. Wegscheider, J. von Delft, S. Ludwig
Phys. Rev. B **92**, 195401 (2015), arXiv:1409.3415 [cond-mat.str-el]
115. *Effect of spin-orbit interactions on the 0.7-anomaly in quantum point contacts*
O. Goulko, F. Bauer, J. Heyder, J. von Delft
Phys. Rev. Lett. **113**, 266402 (2014), arXiv:1408.0746v1 [cond-mat.mes-hall]
114. *Simplex valence-bond crystal in the spin-1 kagome Heisenberg antiferromagnet*
T. Liu, W. Li, A. Weichselbaum, J. von Delft, G. Su
Phys. Rev. B **91**, 060403(R) (2015), arXiv:1406.5905 [cond-mat.str-el]

Enthralled by symmetries

J. von Delft

in Research Media, International Innovation, **136**, 44-46 (2014).

113. *Toward combined transport and optical studies of the 0.7-anomaly in a quantum point contact*

E. Schubert, J. Heyder, F. Bauer, B. Waschneck, W. Stumpf, W. Wegscheider, J. von Delft, S. Ludwig, A. Högele

Phys. Status Solidi, **B 251**, 1931–1937 (2014), arXiv:1403.8015 [cond-mat.mes-hall]

112. *Equilibrium Fermi-liquid coefficients for the fully screened N-channel Kondo model*

M. Hanl, A. Weichselbaum, J. von Delft, M. Kiselev

Phys. Rev. B, **89**, 195131 (2014), arXiv:1403.0497 [cond-mat.str-el]

111. *Transmission phase in the Kondo regime revealed in a true two-path interferometer*

S. Takada, C. Bäuerle, M. Yamamoto, K. Watanabe, S. Hermelin, T. Meunier, A. Alex, A. Weichselbaum, J. von Delft, A. D. Wieck, S. Tarucha

Phys. Rev. Lett., **113**, 126601 (2014), arXiv:1311.6884 [cond-mat.mes-hall]

110. *Functional Renormalization Group Approach for Inhomogeneous Interacting Fermi-Systems*

F. Bauer, J. Heyder, J. von Delft

Phys. Rev. B, **89**, 045128 (2014), arXiv:1311.3210 [cond-mat.str-el]

109. *Identifying Symmetry-Protected Topological Order by Entanglement Entropy*

W. Li, A. Weichselbaum, J. von Delft

Phys. Rev. B **88**, 245121 (2013), arXiv:1306.5671 [cond-mat.str-el].

108. *Iron impurities in gold and silver (II): Comparison of magnetoresistance data to numerical renormalization group calculations exploiting non-Abelian symmetries*

M. Hanl, A. Weichselbaum, T. Costi, C. Bäuerle, J. von Delft

Phys. Rev. B, **88**, 075146 (2013), arXiv:1305.3551 [cond-mat.str-el]

107. *Quantum corrections to the polarizability and dephasing in isolated disordered metals*

M. Treiber, P. Ostrovsky, O. Yevtushenko, J. von Delft, I. Lerner

Phys. Rev. B, **88**, 024201 (2013), arXiv:1304.4342 [cond-mat.mes-hall].

Selected by the editors of PRB to be an Editors' Suggestion.

106. *Nonequilibrium dynamics in an optical transition from a neutral quantum dot to a correlated many-body state*

F. Haupt, S. Smolka, M. Hanl, W. Wüster, J. Miguel-Sanchez, A. Weichselbaum, J. von Delft, A. Imamoglu

Phys. Rev. B, **88**, 161304(R) (2013), arXiv:1304.1745 [cond-mat.mes-hall]

105. *Microscopic Origin of the 0.7-Anomaly in Quantum Point Contacts*

F. Bauer, J. Heyder, E. Schubert, D. Borowsky, D. Taubert, B. Bruognolo, D. Schuh, W. Wegscheider, J. von Delft, S. Ludwig

Nature, **501**, 73-78 (2013).

Featured in a commentary by A. Micolich, *News and Views: Quantum point contacts: Double or nothing?* Nature Physics, **9**, 530–531 (2013).

104. *Proposed Rabi-Kondo Correlated State in a Laser-Driven Semiconductor Quantum Dot*

- B. Sbierski, M. Hanl, A. Weichselbaum, H. Türeci, M. Goldstein, L. Glazman, J. von Delft, A. Imamoglu
 Phys. Rev. Lett., **111**, 157402 (2013), arXiv:1211.6837 [cond-mat.str-el]
103. *The quantum transverse-field Ising chain in circuit quantum electrodynamics: effects of disorder on the nonequilibrium dynamics*
 O. Viehmann, J. von Delft, F. Marquardt
 New J. Phys. **15**, 035013 (2013), arXiv:1301.3778 [cond-mat.mes-hall]
102. *Efficient simulation of infinite tree tensor network states on the Bethe lattice*
 W. Li, J. von Delft, T. Xiang
 Phys. Rev. B, **86**, 195137 (2012), arXiv:1209.2387 [cond-mat.str-el]
101. *Observing the nonequilibrium dynamics of the quantum transverse-field Ising chain in circuit QED*
 O. Viehmann, J. von Delft, F. Marquardt
 Phys. Rev. Lett, **110**, 030601 (2013), arXiv:1208.1354 [cond-mat.mes-hall]
100. *SU(3) Anderson impurity model: A numerical renormalization group approach exploiting non-Abelian symmetries*
 C. P. Moca, A. Alex, J. von Delft, G. Zarand
 Phys. Rev. B, **86**, 195128 (2012), arXiv:1208.0678 [cond-mat.str-el]
99. *Reply to Comment on "Superradiant Phase Transitions and the Standard Description of Circuit QED"*
 O. Viehmann, J. von Delft, F. Marquardt
 arXiv:1202.2916
98. *Transport and dephasing in a quantum dot: Multiply connected graph model*
 M. Treiber, O. Yevtushenko and J. von Delft
 Annalen der Physik, **524**, 188-198 (2012), arXiv:1110.2057v1 [cond-mat.mes-hall] [0]
97. *Critical and strong-coupling phases in one- and two-bath spin-boson models*
 C. Guo, A. Weichselbaum, J. von Delft, M. Vojta
 Phys. Rev. Lett., **108**, 160401 (2012), arXiv:1110.6314v1 [cond-mat.stat-mech] [2]
96. *Anderson Orthogonality in the Dynamics After a Local Quantum Quench*
 W. Mündler, A. Weichselbaum, M. Goldstein, Y. Gefen, J. von Delft
 Phys. Rev. B, **85**, 235104 (2012), arXiv:1108.5539v1 [cond-mat.str-el] [1]
95. *Spin-1/2 Kondo effect in a InAs nanowire quantum dot: the Unitary limit, conductance scaling and Zeeman splitting*
 A. Kretinin, H. Shtrikman, D. Goldhaber-Gordon, M. Hanl, A. Weichselbaum, J. von Delft, T. Costi, D. Mahalu
 Phys. Rev. B, **84**, 245316 (2011), arXiv:1108.1773v1 [cond-mat.mes-hall] [8]
 This paper has been selected by the editors of PRB to be an Editors' Suggestion.
94. *Thermal noise and dephasing due to electron interactions in non-trivial geometries*
 M. Treiber, C. Texier, O. M. Yevtushenko, J. von Delft, I. V. Lerner
 Phys. Rev. B, **84**, 054204 (2011), arXiv:1105.0554v1 [cond-mat.mes-hall] [2]
93. *Universality of the Kondo effect in quantum dots with ferromagnetic leads*
 M. Gaass, A. K. Hüttel, K. Kang, I. Weymann, J. von Delft, C. Strunk,

- Phys. Rev. Lett. **107**, 176808 (2011), arXiv:1104.5699v1 [cond-mat.mes-hall] [5]
92. *Anderson Orthogonality and the Numerical Renormalization Group*
A. Weichselbaum, W. Munder, J. von Delft
Phys. Rev. B, **84**, 075137 (2011), arXiv:1104.3058 [cond-mat.str-el] [3]
91. *Superradiant Phase Transitions and the Standard Description of Circuit QED*
O. Viehmann, J. von Delft, F. Marquardt
Phys. Rev. Lett. **107**, 113602 (2011), arXiv:1103.4639 [cond-mat.mes-hall] [6]
90. *Quantum quench of Kondo correlations in optical absorption*
C. Latta, F. Haupt, M. Hanl, A. Weichselbaum, M. Claassen, W. Wuester, P. Fallahi, S. Faelt, L. Glazman, J. von Delft, H. E. Tureci, A. Imamoglu
Nature, **474**, 627 (2011), arXiv:1102.3982 [cond-mat.mes-hall] [2]
89. *Stroboscopic observation of quantum many-body dynamics*
S. Kessler, A. Holzner, I.P. McCulloch, J. von Delft, F. Marquardt
Phys. Rev. B, **85**, 011605 (2011), arXiv:1102.1605 [cond-mat.quant-gas] [0]
88. *Chebyshev matrix product state approach for spectral functions*
A. Holzner, A. Weichselbaum, I.P. McCulloch, U. Schollwock, J. von Delft
Phys. Rev. B, **83**, 195115 (2011), arXiv:1101.5895 [cond-mat.str-el] [5]
Selected by the editors of PRB as an Editor's Selection.
87. *A numerical algorithm for the explicit calculation of $SU(N)$ and $SL(N;C)$ Clebsch-Gordan coefficients*
A. Alex, M. Kalus, A. Huckleberry, J. von Delft
J. Math. Phys. **52**, 023507 (2011), arXiv:1009.0437v1 [math-ph] [3]
86. *Poor man's derivation of the Bethe-Ansatz equations for the Dicke model*
O. Tsyplyatyev, J. von Delft, D. Loss
Phys. Rev. B **82**, 092203 (2010), arXiv:1008.1844v1 [cond-mat.other] [3]
85. *Dimensional Crossover of the Dephasing Time in Disordered Mesoscopic Rings: From Diffusive through Ergodic to 0D Behavior*
M. Treiber, O.M. Yevtushenko, F. Marquardt, J. von Delft, I.V. Lerner,
in "Perspectives of Mesoscopic Physics, Dedicated to Yoseph Imry's 70th Birthday", A. Aharony, O. Entin-Wohlman (Eds.), World Scientific (2010), chap. 20, p. 371-396
arXiv:1001.0479v1 [cond-mat.mes-hall]
84. *Dephasing rate formula in the many-body context*
D. Cohen, J. von Delft, F. Marquardt, Y. Imry
Phys. Rev. B, **80**, 245410 (2009), arXiv:0909.1441v2 [cond-mat.mes-hall] [0]
83. *Correlation density matrices for one-dimensional quantum chains based on the density matrix renormalization group*
W. Munder, A. Weichselbaum, A. Holzner, J. von Delft, C. L. Henley
New. J. Phys., **12**, 075027 (2010), arXiv:0910.0753v1 [cond-mat.str-el] [1]
82. *Many-Body Dynamics of Exciton Creation in a Quantum Dot by Optical Absorption: A Quantum Quench towards Kondo Correlations*
Hakan E. Tureci, M. Hanl, M. Claassen, A. Weichselbaum, T. Hecht, B. Braunecker, A. Govorov, L. Glazman, A. Imamoglu, J. von Delft

Phys. Rev. Lett., **106**, 107402 (2011), arXiv:0907.3854 [cond-mat.str-el] [7]

This paper was highlighted in the "Synopses" section of Physics:
<http://physics.aps.org/synopsis-for/10.1103/PhysRevLett.106.107402>

81. *Microscopic model of critical current noise in Josephson-junction qubits: Subgap resonances and Andreev bound states*

R. de Sousa, K. B. Whaley, T. Hecht, J. von Delft, F.K. Wilhelm

Phys. Rev. B **80**, 094515 (2009), arXiv:0906.5169 [cond-mat.supr-con] [7]

80. *Kondo screening cloud in the single-impurity Anderson model: A DMRG study*,

A. Holzner, I. P. McCulloch, U. Schollwöck, J. von Delft, F. Heidrich-Meisner

Phys. Rev. B **80**, 205114 (2009), arXiv:0906.2933 [cond-mat.str-el]

Selected for the November 30, 2009 issue of Virtual Journal of Nanoscale Science & Technology [7]

79. *Dimensional Crossover of the Dephasing Time in Disordered Mesoscopic Rings*

M. Treiber, O.M. Yevtushenko, F. Marquardt, J. von Delft, I.V. Lerner

Phys. Rev. B, **80**, 201305(R) (2009), arXiv:0905.1213 [cond-mat.mes-hall]

Selected for the November 16, 2009 issue of Virtual Journal of Nanoscale Science & Technology [3]

78. *Density matrix renormalization group study of a quantum impurity model with Landau-Zener time-dependent Hamiltonian*

C. Guo, A. Weichselbaum, S. Kehrein, T. Xiang, J. von Delft

Phys. Rev. B **79**, 115137 (2009), arXiv:0810.2900 [cond-mat.str-el]

Selected for the April 13, 2009 issue of the Virtual Journal of Nanoscale Science & Technology [7]

77. *Kondo Decoherence: Finding the Right Spin Model for Iron Impurities in Gold and Silver*

T.A. Costi, L. Bergqvist, A. Weichselbaum, J. von Delft, T. Micklitz, A. Rosch, P. Mavropoulos, P. H. Dederichs, F. Mallet, L. Saminadayar, C. Bäuerle

Phys. Rev. Lett. **102**, 056802 (2009), arXiv:0810.1771 [cond-mat.str-el] [1]

Selected for the February 16, 2009 issue of the Virtual Journal of Nanoscale Science & Technology. Mentioned in a Viewpoint article, "Lending an iron hand to spintronics", by P. Coleman, Physics 2, 6 (2009). [20]

76. *Constrained Optimization of Sequentially Generated Entangled Multiqubit States*

H. Saberi, A. Weichselbaum, L. Lamata, D. Pérez-García, J. von Delft, E. Solano

Phys. Rev. A, **80**, 022334 (2009), arXiv:0810.0977v1 [quant-ph] [2]

Selected for the September 7, 2009 issue of Virtual Journal of Nanoscale Science & Technology, Selected for the September 2009 issue for the Virtual Journal of Quantum Information

75. *Interplay of mesoscopic and Kondo effects for transmission amplitude of few-level quantum dots*

T. Hecht, A. Weichselbaum, Y. Oreg, J. von Delft

Phys. Rev. B **80**, 115330 (2009), arXiv:0805.3145v2 [cond-mat.str-el] [4]

74. *Matrix product state approach for a two-lead multi-level Anderson impurity model*

A. Holzner, A. Weichselbaum, J. von Delft

Phys. Rev. B, **81**, 125126 (2010), arXiv:0804.0550v2 [cond-mat.str-el], 2008 [3]

73. *Matrix product state comparison of the numerical renormalization group and the variational formulation of the density matrix renormalization group*

H. Saberi, A. Weichselbaum, J. von Delft

Phys. Rev. B **78**, 035124 (2008), arXiv:0804.0193v1 [cond-mat.str-el] [15]

72. *Numerical renormalization group calculation of near-gap peaks in spectral functions of the Anderson model with superconducting leads*

T. Hecht, A. Weichselbaum, J. von Delft, Ralf Bulla

J. Phys.: Condens. Matter **20**, 275213 (2008), arXiv:0803.1251v3 [cond-mat.str-el] [16]

71. *Mesoscopic Spin-Boson Models of Trapped Ions*

D. Porras, F. Marquardt, J. von Delft, J.I. Cirac

Phys. Rev. A **78**, 010101 (R) 2008, arXiv:0710.5145v2 [quant-ph] [35]

70. *Kondo quantum dot coupled to ferromagnetic leads: Numerical renormalization group study*

M. Sindel, L. Borda, J. Martinek, R. Bulla, J. König, G. Schön, S. Maekawa, J. von Delft

Phys. Rev. B **76**, 045321 (2007), arXiv:0706.3997v1 [cond-mat.mes-hall] [24]

69. *Two-dimensional cavity grid for scalable quantum computation with superconducting circuits*

F. Helmer, M. Mariantoni, A.G. Fowler, J. von Delft, E. Solano, F. Marquardt

Europhys. Lett. **85**, 50007 (2009), arXiv:0706.3625v1 [cond-mat.mes-hall] {40}

68. *Dynamical conductance in the two-channel Kondo regime of a double dot system*

A.I. Toth, L. Borda, J. von Delft, G. Zarand

Phys. Rev. B **76**, 155318 (2007), arXiv:0706.1558v1 [cond-mat.mes-hall] [11]

67. *Phase lapses in transmission through interacting two-level quantum dots*

C. Karrasch, T. Hecht, A. Weichselbaum, J. von Delft, Y. Oreg, V. Meden

New J. Phys. **9**, 123 (2007), arXiv:cond-mat/0612490v1 [cond-mat.mes-hall] [27]

66. *Mesoscopic to universal crossover of transmission phase of multi-level quantum dots*

C. Karrasch, T. Hecht, Y. Oreg, J. von Delft, V. Meden

Phys. Rev. Lett. **98**, 186802 (2007), arXiv:cond-mat/0609191v3 [cond-mat.mes-hall] [37]

65. *Measuring the size of a quantum superposition of many-body states*

F. Marquardt, B. Abel, J. von Delft

Phys. Rev. A **78**, 012109 (2008), arXiv: quant-ph/0609007 [8]

64. *Sum-Rule Conserving Spectral Functions from the Numerical Renormalization Group*

A. Weichselbaum, J. von Delft

Phys. Rev. Lett. **99**, 076402 (2007), arXiv:cond-mat/0607497v2 [cond-mat.str-el] [79]

63. *Kondo effect in single-molecule spintronic devices*

J. Martinek, L. Borda, Y. Utsumi, J. König, J. von Delft, D.C. Ralph, G. Schön, S. Maekawa

J. Magn. Magn. Mat. **310**, e343–e345 (2007) [0]

62. *Comment on "Theoretical Analysis of the Transmission Phase Shift of a Quantum Dot in the Presence of Kondo Correlations"*

A. Aharony, O. Entin-Wohlmann, Y. Oreg, J. von Delft

Phys. Rev. Lett. **96**, 189705 (2006), arXiv:cond-mat/0603073v1 [cond-mat.mes-hall] {1}

61. *Influence Functional for Decoherence of Interacting Electrons in Disordered Conductors*
Jan von Delft
International Journal of Modern Physics B, **22**, 727-833 (2008), arXiv:cond-mat/0510563 {16}
60. *Decoherence in weak localization II: Bethe-Salpeter calculation of Cooperon*
Jan von Delft, Florian Marquardt, R. A. Smith, Vinay Ambegaokar
Phys. Rev. B **76**, 195332 (2007), arXiv:cond-mat/0510557 {14}
59. *Decoherence in weak localization I: Pauli principle in influence functional*
Florian Marquardt, Jan von Delft, R.A. Smith, Vinay Ambegaokar
Phys. Rev. B **76**, 195331 (2007), arXiv:cond-mat/0510556 {24}
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