

**LPTM - Communications avec actes dans un congrès international ou national**

Année	Thème	Auteur(s)	Titre article	Titre et lieu de la conférence	Revue/Ouvrage	Pages
2021	A	<b>BAYO D., HONECKER A., ROEMER R.A.</b>	Machine learning the 2D percolation model.	Proceedings of the XXXII IUPAP Conference on Computational Physics, online, 1-5 August 2021.	J. Phys.: Conf. Ser. 2207	012057
2021	A	<b>CIVITCIOGLU B., ROEMER R.A., HONECKER A.</b>	Machine Learning the Square-Lattice Ising Model.	Proceedings of the XXXII IUPAP Conference on Computational Physics, online, 1-5 August 2021.	J. Phys.: Conf. Ser. 2207	012058
2021	A	<b>EL HOG S., DIGUET G., UCHIMOTO T., DIEP H.T.</b>	Monte Carlo studies on shape deformation and stability of 3D skyrmions under mechanical stresses.	Proceedings of the 10th International Conference on Mathematical Modeling in Physical Sciences (ICMSQUARE 2021), Greece (virtual), 6-9September 2021.	Journal of Physics: Conference Series, Volume 2090	012080
2021	A	<b>HONECKER A., WEBER L., CORBOZ P., NORMAND B., MILA F., WESSEL S.</b>	Quantum Monte Carlo simulations of highly frustrated magnets in a cluster basis: The two-dimensional Shastry-Sutherland model.	Proceedings of the XXXII IUPAP Conference on Computational Physics, online, 1-5 August 2021.	J. Phys.: Conf. Ser. 2207	012032
2019	A	<b>DIEP T.H., SHARAFULLIN I.</b>	Spin Waves and Skyrmions in Magneto-Ferroelectric Superlattices: Theory and Simulation.	5th International Electronic Conference on Entropy and Its Applications, 18-30 novembre 2019.	Sciforum	(DOI:10.3390/ecea-5-06662)
2019	A	<b>KOIBUCHI H., EL HOG S., EGOROV V., KATO F., DIEP H.T.</b>	Mathematical modeling of skyrmion shape deformation under uni-axial stresses.	Proceedings of the 8th International Conference on Mathematical Modeling in Physical Sciences (ICMASQUARE Conference 2019), Bratislava, Slovaquie, 26-29 août 2019.	J. Phys.: Conf. Ser. 1391	012013
2019	D	<b>DIEP T.H., KAUFMAN M., KAUFMAN S.</b>	Social Conflicts Studied by Statistical Physics Approach and Monte Carlo Simulations.	5th International Electronic Conference on Entropy and Its Applications, 18-30 novembre 2019.	Sciforum	(DOI:10.3390/ecea-5-06661)
2018	A	<b>VACCARELLI O., HONECKER A., SAUL A., GIURA P., FAK B., ROUSSE G., RADTKE G.</b>	Structural distortion and magnetic dimerization in the new frustrated spin ladder $\text{Li}_2\text{O}(\text{CuSO}_4)_2^*$ .	APS March Meeting, Los Angeles, 5-9 March 2018.	Bulletin of the American Physical Society	
2017	A	<b>PUSKARSKI H., TOMCZAK P., DIEP H.T.</b>	SWR Studies of Higher-Order Surface Anisotropy Terms in (Ga,Mn)As Thin Films.	Proceedings of the European Conference Physics of Magnetism, Poznan, Pologne, 26-30 June 2017.	Acta Physica Polonica A 133(3)	635-638
2016	B	<b>CANTINI L., De GIER J., WHEELER M.</b>	Matrix product and sum rule for Macdonald polynomials.	Proceedings of the 28-th International Conference on Formal Power Series and Algebraic Combinatorics (FPSAC 2016), Vancouver, Canada, 4-8 July 2016.	DMTCS proc. BC	311-322
2015	A	<b>BAILLY-REYRE A., DIEP H.T.</b>	Phase Transition of Mobile Potts Model for Liquid Crystals.	Proceedings of ICM 2015, 20th International Conference on Magnetism, Barcelona, Spain, 5-10 July 2015.	Physics Procedia 75	557-564
2015	B	<b>AVAN J., DOIKOU A., KARAIKOS N.</b>	Scattering in Twisted Yangians.	Based on a talk presented by Anatasia Doikou, in Conference "Integrable systems and quantum symmetries", Prague, June 2015.		
2014	A	<b>BEN IMEDOURENE A., XU X., ZARGARIAN L., OGUÉY C., MAUFFRET O., FLOPPE N., HARTMANN B.</b>	Prediction of the sequence effect on B-DNA shape from NMR.	Meeting Abstract of the FEBS EMBO 2014 Conference, Paris, 30 août au 4 septembre 2014.	FEBS Journal 281, Issue Supplement s1	708

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2014	A	<b>TRAMBLY DE LAISSARDIERE G., MAYOU D.</b>	Conductivity of Graphene with Resonant Adsorbates: Beyond the Nearest Neighbor Hopping Model.	Proceedings of the International workshop on nanotechnology and application (IWNA) 2013, Vung Tau, Vietnam, 14-16 November 2013.	Adv. Nat. Sci.: Nanosci. Nanotechnol. 5	015007
2014	A	<b>TRAMBLY DE LAISSARDIERE G., SZALLAS A., MAYOU D.</b>	Electronic structure and transport in approximants of the Penrose tiling.	Proceedings of the 12th International Conference on Quasicrystals, Cracow, Poland, 1-6 septembre 2013.	Acta Phys. Pol. A 126	617-620
2012	A	<b>TRAMBLY DE LAISSARDIERE G., NAMARVAR O.F., MAYOU D., MAGAUD L.</b>	Electronic density in rotated graphene bilayers : from Moiré contrast to confinement at very small angles.	3rd International Symposium on the science and technology of epitaxial graphene, St. Augustine, Florida, USA, 24-27 October 2011.		
2012	C	<b>BENSALLAH M., DJEDDOU M., DROUICHE K.</b>	Efficient ECC implementation architecture suitable for RFID technology.	Proceedings of the 24th International Conference on Microelectronics (ICM), Alger, Algérie, 16-20 Decembre 2012.	IEEE Xplore Digital Library	1-4
2012	C	<b>BENSALLAH M., DJEDDOU M., DROUICHE K.</b>	RFID authentication protocols based on ECC encryption schemes.	Proceedings of the 2012 IEEE International Conference on RFID-Technologies and Applications (RFID-TA), Nice, 05-07 novembre 2012.	IEEE Xplore Digital Library	97-100
2012	D	<b>BAL G., JOLLIVET A.</b>	Combined source and attenuation reconstruction in SPECT.	Proceedings of International Workshop on Inverse Transport Theory and Tomography, Banff, Canada, 16-21 May 2010.	Contemporary Mathematics 559	13-27
2012	D	<b>GRASSIA P., EMBLEY B., OQUEY C.</b>	A Princen hexagonal foam out of physicochemical equilibrium.	IUTAM Symposium on Mechanics of Liquid and Solid Foams, Austin, Texas, USA, 8-13 May 2011.	J. Rheol. 56 (3)	501
2011	A	<b>MATZKIN A.</b>	Entanglement, the quantum formalism and the classical world.	75 Years of Quantum Entanglement: Foundations and Information Theoretic Applications, Kolkata, India, 6-10 January 2011.	AIP Conference Proceedings 1384	27
2011	A	<b>MATZKIN A.</b>	The Bohmian model, semiclassical systems and the emergence of classical trajectories.	Proceedings of CCP6 Workshop on Quantum Trajectories, Bangor, Wales, United-Kingdom, 12-14 July 2010.	Quantum Trajectories, K. Hughes and G. Parlant (ed.)	63
2011	A	<b>MOUHANNA D., DELAMOTTE B., KOWNACKI J.P., TISSIER M.</b>	Nonperturbative renormalization group : basic principles and some applications.	Proceedings of StatPhys 24 - Satellite Conference in Hanoi, Vietnam, 14-16 July 2010.	Modern Physics Letter B 25 (12 & 13)	873-889
2011	A	<b>NONNE H., BOULAT E., CAPPONI S., LECHEMINANT P.</b>	Phase diagram of one-dimensional earth-alkaline cold fermions.	Proceedings of StatPhys 24 - Satellite Conference in Hanoi, Vietnam, 14-16 July 2010.	Modern Physics Letter B 25 (12 & 13)	955-962
2011	A	<b>TRAMBLY DE LAISSARDIERE G., MAYOU D.</b>	Electronic Transport in Graphene: Quantum Effects and Role of Local Defects.	Proceedings of StatPhys 24 - Satellite Conference in Hanoi, Vietnam, 14-16 July 2010.	Mod. Phys. Lett. B 25	1019-1028
2011	D	<b>MORVIDONE M., TRUONG T.T., NGUYEN M.K., ZAIDI H.</b>	A novel V-line Radon transform and its imaging applications.	Proceedings of ICIP 2010, 17th International Conference on Image Processing, Hong-Kong, Chine, 26-29 September 2010.		629-632

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2011	D	<b>RIGAUD G., NGUYEN M.K., TRUONG T.T.</b>	Modeling and simulation results on a new Compton scattering tomography.	Proceedings of EUROSIM 2010, 7th EUROSIM Congress on Modelling and Simulation, Prague, Czech Republic, 6-10 September 2010.		
2010	A	<b>DIET H.T., AKABLI K., MAGNIN Y., HARADA I.</b>	Monte Carlo Study of the Spin Transport in Magnetic Materials.	5th Conference of the Asian Consortium on Computational Material Sciences (ACCMS-5), Hanoi, Vietnam, 9-11 September 2009.	Computational Materials Science 49 (4)	S204-S209
2010	D	<b>BILLAUD B., TRUONG T.T.</b>	Some theoretical results on semiconductor spherical quantum dots.	5th Conference of the Asian Consortium on Computational Material Sciences (ACCMS-5), Hanoi, Vietnam, 9-11 September 2009.	Computational Materials Science 49 (4)	S322-S325
2010	D	<b>NGUYEN M.K., DRIOL C., TRUONG T.T., PAINDAVOINE M., GINHAC D.</b>	Nouvelle Tomographie Compton.	Proceedings of the XXIIe Colloque GRETSI, Université de Bourgogne, Dijon, France, 8-11 septembre 2009.		
2010	D	<b>NGUYEN M.K., RIGAUD G., TRUONG T.T.</b>	A New Circular-Arc Radon Transform and the Numerical Method for its Inversion.	ICNAAM 2010: International Conference of Numerical Analysis and Applied Mathematics 2010, Rhodes, Greece, 19-25 September 2010.	AIP Conference Proceedings 1281	1064-1067
2009	A	<b>MATZKIN A.</b>	Is Bell's Theorem Relevant to Quantum Mechanics? On Locality and Non-Commuting Observables.	Foundations of Probability and Physics - 5, Växjö, Sweden, 24-27 August 2008.	AIP Conference Proceedings 1101	339-348
2009	A	<b>TRAMBLY DE LAISSARDIERE G.</b>	Spiky density of states in large complex Al-Mn phases.	Proceedings of the 10th International Conference on Quasicrystals, Zurich, Suisse, 6-11 July 2008.	Zeitschrift für Kristallographie - New Crystal Structures 224 (1-2)	123-126
2009	D	<b>BALAKRISHNAN R., DANDOLOFF R.</b>	Exact conformations of a thin elastic nanotube and their effect on electron transport.	Proceedings of the International Conference on Recent Developments in Nonlinear Dynamics, in honor of Prof. M. Lakshmanan's sixtieth birthday, Tiruchirapalli, India, 13-16 February 2008.	M. Daniel and S. Rajasekar (ed.)	113-120