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I01	NANOCRYSTALLINE STRUCTURE EVOLUTION IN Fe-B-Cu SOFT MAGNETIC MATERIALS	Y. M. Chen, T. Ohkubo, M. Ohta, Y. Yoshizawa and **K. Hono**
I02	LOCAL RANDOM MAGNETOCRYSTALLINE AND MACROSCOPIC UNIAXIAL ANISOTROPIES IN MAGNETIC NANOSTRUCTURES	K. Suzuki
I03	NONLINEAR EFFECTS IN MAGNETOIMPEDANCE: MEASUREMENTS AND MODELS	D. Seddaoui, D. Ménard, B. Movaghar, and **A. Yelon**
I04	ON THE RELATIONSHIP BETWEEN THERMO-PHYSICAL AND MECHANICAL PROPERTIES OF GLASS-FORMING ALLOYS	Livio Battezzati
I05	APPLICATIONS OF INVERSE METHODS TO CHARACTERIZE METALLIC GLASSES	Sven Bossuyt
I06	X-RAY AND NEUTRON SCATTERING FROM LEVITATED LIQUIDS	Louis Hennet
I07	MAGNETISM AND CRYSTALLINE STRUCTURE OF FEPT NANOCUBES AND ICOSAHEDRA	M. Farle
I08	SPIN CURRENT AND TWO MAGNON SCATTERING IN NANOSCALE SYSTEMS	B. Heinrich
I09	LOW FIELD MAGNETISATION REVERSAL PROCESS OF SOFT/HARD BI-PHASE MAGNETIC MICROWIRES	**M. Vazquez**, G. A. Badini-Confalonieri, J. Torrejon and G. Infante
I10	SINGLE DOMAIN WALL DYNAMICS IN THIN MAGNETIC WIRES	**R. Varga**, Y. Kostyk, R. Kornel, A. Zhukov, M. Vazquez
I11	ORDERING IN NETWORK LIQUIDS AND GLASSES	Philip S. Salmon
I12	THE STRUCTURE AND ELECTRONIC PROPERTIES OF METAL-AMMONIA “OGG-GLASSES”	N. Skipper
I13	MECHANICAL ACTIVATION AS A WAY OF OBTAINING NON-EQUILIBRIUM STATES IN CONDENSED MATTER: FUNDAMENTAL PRINCIPLES AND POSSIBLE PRACTICAL APPLICATIONS	E.P.Yelsukov
I14	SHAPE EVOLUTION, CRYSTALLINITY AND OPTICAL PROPERTIES OF GOLD NANOPARTICLES	I. Pastoriza-Santos, J. Pérez-Juste, B. Rodríguez-González, **L. M. Liz-Marzán**
I15	CRYSTALLISATION OF NANOPERM TYPE ALLOYS	Marcel Miglierini
I16	RECENT ADVANCES IN SOFT MAGNETIC NANOCRYSTALLINE FE-CO AND FE-NI BASED ALLOYS	**I. Škorvánek**, J. Marcin, J. Turčanová, J. Kováč, P. Švec and D. Janičkovič
I17	PHYSICAL PROPERTIES OF NANOCRYSTALLINE AND NANOSTRUCTURED FERRITES	J. M. Greneche
I18	SINGLE AND MULTILAYERED MAGNETIC NANOWIRES: PREPARATION AND CHARACTERIZATION	H. Chiriac
I19	MAGNETIC MICROSTRUCTURE OF NANOCRYSTALLINE MATERIALS	Sybille Flohrer
I20	SEVERE PLASTIC DEFORMATION OF AMORPHOUS ALLOYS	**A.M.Glezer**, S.V.Dobatkin, M.R.Plotnikova, A.V.Shalimova, N.S.Perov
I21	RECENT ADVANCES IN FUNDAMENTAL UNDERSTANDING OF THE GLASS TRANSITION	K. L. Ngai

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C01	NEUTRON DIFRACTION STUDY OF THE STRUCTURES OF TWO CUHFTI BULK ALLOY GLASSES	N. Cowlam, I.A. Figueroa, G. Cuello, I.Todd, H.A. Davies
C02	RESOLUTION FUNCTION FOR A DEDICATED TWO-AXIS DIFFRACTOMETER FOR THE STRUCTURE OF AMORPHOUS	G.J. Cuello
C03	NON-ISTHERMAL, APPROACH TO CRYSTALLIZATION PROCESS OF SEVERAL CO RICH ALLOYS	J. Bonastre, Ll. Escoda, J.J. Saurina, J.J. Sunol, J.D. Santos, MªL. Sanchez, B.Hernando
C04	KISSINGER ANALYSIS FOR DYMN6-XGE6-XFEXALX (0<X<6) ALLOYS	Z.Sniadecki, B. Idzkowski
C05	INFLUENCE OF CRYOMILLING ON STRUCTURE OF COFEZRB ALLOY	J. Bednarcik, K. Saksl, R. Nicula, S. Roth, H. Franz
C06	THE STRUCTURE OF LIQUID CALCIUM ALUMINATES: A COMBINED NEUTRON DIFFRACTION AND COMPUTER SIMULATION STUDY	V. Cristiglio, L. Hennet, G.J. Cuello, M.R. Johnson, I. Pozdnyakova, D.L. Price
C07	MÖSSBAUER CHARACTERIZATION OF NA AMORPHOUS STEEL ALLOY WITH OPTIMUM MO CONTENT	Laura Fachini, Pere Bruna, Eloi Pineda, Daniel Crespo
C08	NANOCRYTALLIZATION EFFECTS ON THE SPECIFIC HEAT OF FE-CO-NB-B AMORPHOUS ALLOY	J.S. Blazquez, M. Millán, C.F. Conde, V. Franco, A. Conde
C09	KINETICS OF NANOSCALE ICOSAHEDRAL CLUSTER FORMATION IN AMORPHOUS TI-ZR-NI-AG ALLOYS: INSIGHT FROM IN-SITU TIME RESOLVED SAXS SYNCHROTRON RADIATION EXPERIMENTS	R. Nicula, M. Stir, G. Goerigk
C10	METHODOLOGICAL STUDY ON PHASES TRANSITIONS AND NANOSTRUCTURE OF PHOPHATIDYLCHOLINE SINGLELAYER WITH SCANNING PROBE MICROSCOPES AND LANGMUIR-BLODGETT TECHNIQUES	Jie Zhu, Lianhong Guo, Guodong Wang
C11	SPIN RELAXATION IN NANOPHASED MANGANITES	Javier Bermejo, Luís Fernández Barquín, Jon Gutiérrez and J. M. Barandiarán
C12	A NEW APPROACH TO DIFFUSION-LIKE RELAXATION PROCESSES	A. Fondado, J. Mira, J. Rivas
C13	EFFECT OF NB IN THE NANOCRYSTALLIZATION AND MAGNETIC PROPERTIES OF FENBBCU AMORPHOUS ALLOYS	J. Torrens-Serra, S. Roth, J. Rodriguez-Viejo, M. T. Clavaguera-Mora
C15	HYPERFINE FIELDS IN CHARGE ORDERED PR(1-X)CA(X)MNO3 MANGANITES	A. M. L. Lopes, T. M. Mendonça, J. S. Amaral, A. M. Pereira, P. B. Tavares, Y. Tomioka, Y. Tokura, J. G. Correia, V. S. Amaral, J. P. Araújo

C16	THE EFFECT OF CHEMICAL INHOMOGENEITY ON THE MAGNETOCALORIC EFFECT OF (LA-ER-SR-MNO3)/ER-MNO3) SELF COMPOSITE	J. S. Amaral, P. B. Tavares, M. S. Reis, J. P. Araújo, T. M. Mendonça, V. S. Amaral and J. M. Vieira
C17	NOVEL TRANSPORT BEHAVIOR OF YTTRIUM SUBSTITUTION IN POLYCRYSTALLINE LA0.7PB0.3MNO3	C. H. Lin, S. L. Young, H. Z. Chen, M. C. Kao, Lance Horng
C18	MAGNETIC AND STRUCTURAL CHARACTERIZATION OF THE SILVER-IRON OXIDE NAOPARTICULES OBTAINED BY THE MICROEMULSION TECNIQUE	E. Goikolea, M. Insausti, J. S. Garitaonandia and L. Lezama
C19	SIMULATION OF THE SPINODAL PHASE SEPARATION DYNAMICS OF THE BI-ZN SYSTEM	J. C. R. E. Oliveira, M. H. Braga, Rui D. M. Travasso
C20	INTER-RELATIONSHIPS BETWEEN COMPOSITION AND NEAR SURFACE MECHANICAL PROPERTIES OF SILICATE GLASSES	Damir R. Tadjiev, Russel J. Hand
C21	MICROSTRUCTURAL AND MAGNETIC CHARACTERIZATION OF ND2FE17 BALL MILLED ALLOYS	P. Álvarez, J.L. Sánchez Llamazares, M.J. Pérez, B. Hernando, J.D. Santos, J. Sánchez-Marcos, J.A. Blanco, P. Gorria
C22	EFFECT OF THERMAL TREATMENT ON HIGH-FREQUENCY MAGNETOIMPEDANCE IN FERROMAGNETIC/CU/FERROMAGNETIC TRILAYERS	F. Celegato, M. Coisson, P. Tiberto, F. Vinai
C23	OFF-DIAGONAL MAGNETOIMPEDANCE EFFECT IN FEB AMORPHOUS RIBBONS	M .L. Sanchez, T. Sanchez, I. Ribot, M. J. Perez, J. D. Santos, V. M. Proda, B. Hernando, L. Escada, J. J. Sunol
C24	SPECIFIC EFFECTS OF NANOMETER SCALE SIZE ON MAGNETIC ORDERING IN LA1-XCAXMNO3 (X=0.1, 0.3 AND 0.6) MANGANITES	E. Rozenberg, M. Auslender, A. I. Sharmes, Ya. Mukivskii, E. Sominski, A. Gedanken
C25	GLASS FORMABILITY IN METALLIC MATERIALS	H.A. Davies, I.A. Figuerosa, I. Todd
C26	FORMATION AND PROPERTIES OF THE NEW ZR75ALXNI10CU10AG5 BULK METALLIC GLASSES	J. Latuch, A. Abramczyk, T. Kulik
C27	PRIMARY CRYSTALLIZATION IN FE65NB10B25 METALLIC GLASS	M.T. Clavaguera-Mora, J. Torrens-Serra, J. Rodriguez-Viejo
C28	ASYMMETRY IN RESISTIVE SWITCHING IN MAGNETIC TUNNEL JUNCTIONS	J. Ventura, J.M. Teixeira, J.P. Araújo, J.B. Sousa, Z.Zhang, Y Liu, P.P. Freitas
C29	SYNTHESIS AND CHARACTERISATION OF 3C-SIC NANOWIRES	G. Attolini, F. Rossi, M. Bosi, B.E. Watts, G. Salviati
C31	STUDY OF HYPERFINE INTERACTIONS IN FE-CO NANOCOMPOSITE FILMS BY MOSSBAUER SPECTROSCOPY AND NMR	Adriana Lancok, Frantisek Fendrych, Marcel Miglierini, Jaroslav Kohout
C32	SYNTHESIS AND MAGNETIC PROPERTIES OF MONODISPERSIVE FE3O4 NANOPARTICLES WITH CONTROLLED SIZES	J. Salado, M. Insausti, I. Gil de Muro, L. Lezama, T. Rojo
C33	ELECTRICAL AND OPTICAL PROPERTIES OF AMORPHOUS CR2-XTIXO3 THIN FILMS	A. Conde-Gallardo, R. Escudero Derat, F. S. Aguirre-Tostado.

C34	RELATIONSHIP BETWEEN NANOPARTICLE GROWTH AND MAGNETIC PROPERTIES OF MAGNETIC NANOCOMPOSITES	D. Ortega, J.S: Garitaonandia, M.Ramirez-del-solar, C. Barrera-Solano, M. Dominguez
C35	SUPERPARAMAGNETIC BEHAVIOUR OF FE NANOPARTICLES EMBEDDED IN A COMMERCIAL POROUS CARBON	M.P. Fernandez-Garcia, M. Sevilla, A.B. Fuertes, A.Silva, D.S. Schmool, P. Gorria, J.A. Blanco
C36	SYNTHESIS AND CHARACTERIZATION OF COFE2O4-PVP NANOCOMPOSITES	Cintia Mateo Mateo, Carlos Vásquez Vásques, Maria del Carmen Buján Núñez, M. Arturo López Quintela, David Serantes Abalo, Daniel Baldomir Fernández, José Rivas
C37	MAGNETIC ANISOTROPY OF BATIO3-COFE2O4 NANOGRANULAR COMPOSITE THIN FILMS	J. Barbosa, B.G. Almeida, J.A. Mendes, J.P.Araújo
C38	MAGNETIZATION PROCESSES IN ARRAYS OF ANTIDOTS LITHOGRAPHED ON AMORPHOUS FEB FILMS	J. Gutiérrez, R. Yanes, F. Garcia, E. Paz, J. Haba, F. Cebollada, O. Chubykalo-Fesenko, F.J. Palomares, J.M. González
C39	ELECTROLYTE INFLUENCE ON THE ANODIC SYNTHESIS OF TIO2 NANOTUBE ARRAYS	V. Veja, M.A. Cerdeira, V.M. Prida, D. Alberts, N. Bordel, R. Pereiro, F. Mera, S. Garcia, M. Hernández-Vélez, M. Vázquez
C40	FINITE ELEMENT ANALYSIS OF HYPERELASTIC CONTACT PROBLEM IN DOOR AUTOMOTIVE SEALING	J. Ordieres-Meré,A. Bello-Garcia, V. Muñoz-Munilla, JJ. Del-Coz-Diaz

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P02	THE ROLE OF SURFACTANT IN SINTHESIS OF MAGNETIC NANOCRYSTALLINE POWDER OF NIFE2O4 BY SOL-GEL AUTO-BOMBUSTION METHOD	M.R. Barati, S.A. Seyyed Ebrahimil, A. Badiei
P03	BULK GLASS FORMABILITY FOR CU-HF-ZR-AG AND CU-ZR-AG-SI ALLOYS	I.A. Figueroa, H. Zhao, S. González, H. A. Davies, I.Todd
P04	RAPID THERMAL PROCESSING OF ZNO NANOCRYSTALLINE FILMS FOR APPLICATION IN DYE-SENSITIZED SOLAR CELLS	M.C. Kao, H.Z. Chen, S.L. Young, C.H. Lin
P05	ANODIZATION PROCESS OF SELF-ORDERING NANOPOROUS ALUMINA MEMBRANES IN PHOSPHORIC ACID	M.P. Proença, C.T. Sousa, D.C. Leitão, J. Jentura, F. Carpinteiro, J.B. Sousa, J.P. Araújo
P06	THE CRYSTALLINITY OF SIC GROWN FROM THE VAPOUR PHASE	B.E. Watts, G. Attolini, M.Bosi, G. Salviati, O. Martinez
P07	INVESTIGATION OF THE EFFECTIVE PARAMETERS ON THE SYNTHESIS OF NI FERRITE NANOPOWDERS BY COPRECIPITATION METHOD	R. Dehghan, S.A. Seyyed Ebrahimi, A. Badiei
P08	EPITAXY AND SURFACE MORPHOLOGY OF ZNO THIN FILMS GROWN BY RF_MAGNETRON SPUTTERING ON SAPPHIRE	A.C. Lourenço, S. Pereira, M. Peres, T. Monteiro, M.R. Correia, S. Magalhães, E. Alves
P09	THE EVOLUTION OF BOND STRUCTURE IN GE33AS12SE55 FILMS UPON THERMAL ANNEALING	R.P. Wang, D.Y. Choi, A.V. Rode, S. Madden, B. Luther-Davies
P10	COMBINATORIAL ANALYSIS OF MGTHIN FILM METALLIC GLASSES	J. Rodrigues-Viejo, R. Domenech-Ferrer, Gemma Garcia, M.T. Clavaquera-Mora
P11	EPR STUDY OF CRYSTALLINE AND GLASSY ETHANOL	Marina Kveder, Dalibor Merunka, Milan Jokié, Boris Rakvin
P12	STRUCTURES OF LANTHANUM AND YTTRIUM ALUMINOSILICATE GLASSES	I. Pozdnyakova, L. Hennet, N. Sadiki, V. Cristiglio, A. Bytchkov, G. Cuello, J.P. Coutures, D.L. Price
P13	THERMAL AND MAGNETIC BEHAVIOR OF COBALT-BASED ALLOYS	A. Rosales-Rivera, M. Gómez-Hermida, P. Pineda-Gómez
P14	DIFFUSION PHENOMENA IN NON-CRYSTALLINE OBSIDIAN SAMPLES AND APPLICATIONS IN THE DATING OF ANCIENT OBSIDIAN TOOLS BY SIMS AND FT-IR	Th. Ganetsos, B. Kotsos, I. Liritzis, M. Novak, Nikos Laskaris
P15	CRYSTALIZATION OF KNBO3 IN A B2O3 GLASS NETWORK	R.C.C. Figueira, M.P.F. Graça, L.C. Costa, M.A. Valente

P16	STRUCTURAL STUDY OF UNDOPED AND (MN,IN) DOPED SNO2 THIN FILMS GROWN BYU RF SPUTTERING	A. Espinosa, N. Menéndez, J. Rubio-Zuazo, C. Prieto, A. De Andrés
P17	STRUCTURAL AND OPTICAL SPECTROSCOPY OF LINBO3:TM NANOCRYSTALS EMBEDDED IN A SIO2 GLASS MATRIX	M.P.F. Graça, M.A. Valente, T. Monteiro, A.J. Neves, M. Peres
P18	ASYMMETRIC MAGNETIZATION REVERSAL OF PARTIALLY DEVITRIFIED CO66SI15B14FE4NI1 AMORPHOUS ALLOYS	J.C: Martinez-Garcia, J.A. Garcia, M. Rivas
P19	NANOCRYSTALLIZATION AND FRACTURE CHARACTERISTICS IN CO-BASED RIBBONS	J.A. Garcia, J.A. Riba, R. Quintana, L. Elbaile
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P23	ANALYSIS OF THE MECHANICALLY ALLOYED FE85-NB5-B10 POWDER USING NON UNIQUE LATTICE PARAMETER	J.J. Ipus, J.S. Blazquez, A. Conde, M. Krasnowki, T. Kulik
P24	PREPARATION OF GD5SI2GE2 COMPOUNDS USING RF- INDUCTION	A.M. Pereira, J.R. Peixoto, P.B. Tavares, N. Martins, J.B. Sousa, J. P. araújo
P25	TRANSPORT PROPERTIES NEAR THE MAGNETO/STRUCTURAL TRANSITION OF TB5SI2GE2	A.M.Pereira, M.E. Braga, P.A. Algarabel, L.Morellon, C. Magen, R. Fermento, M.R.Ibarra, J.P. Araújo and J.B. Sousa
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P28	MAGNETIC PROPERTIES OF COMPACTED CAMNO3-D NANOPARTICLES	V. Markovich, I. Fita, R. Puzniak, A. Wisniewski, D. Mogilyansky, L. Titelman, L. Vradman, M. Herskowitz and G. Gorodetsky
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P33	MAGNETIC AND TRANSPORT STUDIES OF THE A-S TRANSFORMATION IN AN FE50V50 ALLOY	B.F.O. Costa, V.S. Amaral, G. Le Caër, M.E.Braga, M.M. Amado, and J.B. Sousa
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