



Agadir, le 06-05-2007



Liste des publications et des communications

Publications

1. Analysis of the noise voltage in the high- T_c superconducting thin films
A. Labrag, M. Bghour, A. Abaragh, A. Bouaaddi, A. Ramzi, A. Taoufik and S. Senoussi
phys. stat. sol. (c) 3 (2006) 3090–3092
2. Measurements and analysis of the noise spectral density in $YBa_2Cu_3O_{7-8}$ films
A. Taoufik, M. Bghour, **A. Labrag**, A. Bouaaddi, A. Abaragh, A. Ramzi, S. Senoussi and A. Tirbiyine
phys. stat. sol. (a) 203 (2006) 2944–2949
3. Irreversibility line and critical current studies in κ -(BEDT-TTF) $_2$ Cu[N(CN) $_2$]Br organic superconductor: effect of the structural transformation near 80 K
A. Tirbiyine, S. Senoussi, A. Taoufik, A. Ramzi, A. Haouam and **A. Labrag**
phys. stat. sol. (c) 3 (2006) 3031–3035
4. Determination of the fraction pinned of vortex in type-II superconductors
A. Bouaaddi, A. Taoufik, **A. Labrag**, M. Bghour, A. Abaragh, A. Ramzi and S. Senoussi
phys. stat. sol. (c) 3 (2006) 3093–3095
5. Correlation between the critical current and the structural transformation near 80 K in the organic superconductor κ -(BEDT-TTF) $_2$ Cu[N(CN) $_2$]Br
A. Tirbiyine, S. Senoussi, F. Pesty, A. Taoufik, A. Ramzi, **A. Labrag**
phys. stat. sol. (c) 3 (2006) 3100–3103
6. Dynamic of vortices in $YBa_2Cu_3O_{7-8}$ single crystal near T_g the temperature of the vortex glass transition by the use of the voltage noise measurements
M. Bghour, **A. Labrag**, A. Bouaaddi, A. Abaragh, A. Ramzi, A. Taoufik and S. Senoussi
phys. stat. sol. (c) 3 (2006) 3057–3060
7. Formation of the magnetization loops of high- T_c superconductors

A. Abaragh, A. Taoufik, A. Ramzi, S. Senoussi, **A. Labrag**, M. Bghour, A. Bouaaddi and A. Tirbiyine
phys. stat. sol. (c) 3 (2006) 3052–3056
8. Origin of the noise in the high- T_c superconducting $YBa_2Cu_3O_{7-8}$ thin film
A. Labrag, A. Taoufik, S. Senoussi and A. Ramzi
J. Phys. IV France 123 (2005) 405-407

9. Magnetization study in $\text{YBa}_2\text{Cu}_3\text{O}_{7-\delta}$ single crystal
A. Taoufik, A. Ramzi, S. Senoussi and **A. Labrag**
J. Phys. IV France 123 (2005) 401-404
10. Anisotropy of the magnetization in $\text{YBa}_2\text{Cu}_3\text{O}_{7-\delta}$ single crystal
A. Ramzi, A. Taoufik, S. Senoussi and **A. Labrag**
J. Phys. IV France 123 (2005) 409-412
11. The noise power spectral density in thin epitaxial $\text{YBa}_2\text{Cu}_3\text{O}_{7-\delta}$ films
A. Labrag, A. Taoufik, S. Senoussi and A. Ramzi
phys. stat. sol. (c) 1, No. 7, 1904–1907 (2004)
12. Glass temperature and the critical current density in $\text{YBa}_2\text{Cu}_3\text{O}_{7-\delta}$ thin films
A. Ramzi, A. Taoufik, S. Senoussi and **A. Labrag**
phys. stat. sol. (c) 1, No. 7, 1908-1911 (2004)
13. The $\text{YBa}_2\text{Cu}_3\text{O}_{7-\delta}$ anomalous second peak and irreversible magnetic field in the magnetization hysteresis cycles
A. Taoufik, A. Ramzi, S. Senoussi and **A. Labrag**
phys. stat. sol. (c) 1, No. 7, 1912–1915 (2004)

Communications orales

1. Comparaison des courant critique déterminés par les mesures magnétiques et les mesures de transport dans les supraconducteurs à haute T_c (**conférence**)
A. Taoufik, **A. Labrag**, A. Ramzi, M. Bghour, A. Abaragh, A. Bouaaddi, S. Senoussi et A. Tirbiyine
La Première Ecole Franco-tunisienne de Printemps de Magnétisme et de Supraconductivité
Hammamet Tunisie : 22-27 mars 2005
2. Vortex pinning in ab plans and critical current density in highly textured $\text{YBa}_2\text{Cu}_3\text{O}_{7-\delta}$ thin films
A. Labrag, A. Taoufik, M. Bghour, A. Abaragh, A. Bouaaddi, A. Ramzi and S. Senoussi
SICGM-4, Tlemcen, Algeria 02-04 Mai 2006
3. The critical current density J_c in high quality $\text{YBa}_2\text{Cu}_3\text{O}_{7-\delta}$ thin films
A. Ramzi, A. Taoufik, S. Senoussi, **A. Labrag**, and A. Abaragh
8thICCMSP, Marrakech-Maroc : 21-24 September 2004
4. Détermination de la température de transition de phase de verre vortex dans les films minces d' $\text{YBa}_2\text{Cu}_3\text{O}_{7-\delta}$
A. Labrag, A. Taoufik, S. Senoussi, A. Ramzi et A. Abaragh
RNJCP④, Casablanca-Maroc : 25-27 Décembre 2003

5. The irreversible magnetic field and the anomalous second peak in the magnetization curves of $\text{YBa}_2\text{Cu}_3\text{O}_{7-\delta}$ single crystals

A. Ramzi, A. Taoufik, **A. Labrag**, M. Bghour and S. Senoussi

MSM'03, Monastir-Tunisia : 1-4 September 2003

Communications par affiche

1. The flux-flow noise voltage in $\text{YBa}_2\text{Cu}_3\text{O}_{7-\delta}$ thin films

A. Labrag, A. Taoufik, M. Bghour, A. Bouaaddi, A. Abaragh, A. Tirbiyine, A. Ramzi and S. Senoussi

IMMEA, Cady ayyad University, Marrakech, April 30 - May 2, 2007

2. Fraction pinned of vortex lines in $\text{YBa}_2\text{Cu}_3\text{O}_{7-\delta}$

A. Bouaaddi, A. Taoufik, **A. Labrag**, A. Abaragh, A. Ramzi, M. Bghour and , A. Tirbiyine

IMMEA, Cady ayyad University, Marrakech, April 30 - May 2, 2007

3. Evolution des cycles d'hysteresis et de la densité de courant critique d'un monocristal d' $\text{YBa}_2\text{Cu}_3\text{O}_{7-\delta}$ en fonction de la température

A. Abaragh, A. Taoufik, A. Ramzi, **A. Labrag**, A. Bouaaddi, M. Bghour and S. Senoussi

IMMEA, Cady ayyad University, Marrakech, April 30 - May 2, 2007

4. The temperature dependence of the noise spectral density in $\text{YBa}_2\text{Cu}_3\text{O}_{7-\delta}$ thin films

A. Labrag, A. Taoufik, M. Bghour, A. Bouaaddi, A. Abaragh, A. Tirbiyine, A. Ramzi and S. Senoussi

MDNN1, Al Akhawayn University, Ifrane, Morocco: 8-10 April 2007

5. Flux flow noise in high T_c superconductors thin films

A. Bouaaddi, A. Taoufik, **A. Labrag**, M. Bghour, A. Abaragh, A. Ramzi, A. Tirbiyine and S. Senoussi

MDNN1, Al Akhawayn University, Ifrane, Morocco: 8-10 April 2007

6. Granular-percolative superconductivity in organic materials, comparison with HTSC ceramics

A. Ramzi, A. Taoufik, S. Senoussi, F. Pesty, **A. Labrag**, A. Tirbiyine, A. Abaragh, Bouaaddi and M. Bghour

MDNN1, Al Akhawayn University, Ifrane, Morocco: 8-10 April 2007

7. The vortex motion and J-E characteristics in high quality $\text{YBa}_2\text{Cu}_3\text{O}_{7-\delta}$ thin films

A. Taoufik, A. Ramzi, A. Tirbiyine, S. Senoussi c, **A. Labrag**, A. Abaragh, A. Bouaaddi and M. Bghour

MDNN1, Al Akhawayn University, Ifrane, Morocco: 8-10 April 2007

8. Analysis of the noise voltage in the high- T_c superconducting thin films of $\text{YBa}_2\text{Cu}_3\text{O}_{7-\delta}$

A. Labrag, A. Taoufik, M. Bghour, A. Abaragh, A. Bouaaddi, and S. Senoussi

JMSM 2006, Meknès, 24–26 November 2006

9. Measurements of the noise spectral density variations of $\text{YBa}_2\text{Cu}_3\text{O}_{7-\delta}$ films
A. Labrag, A. Taoufik, M. Bghour, A. Abaragh, A. Bouaaddi, A. Tirbiyine, and S. Senoussi
 BDNT'06, El Jadida, Maroc: 1-3 November 2006
10. Etude de l'aimantation dans le supraconducteur organique $\kappa\text{-(BEDT-TTF)}_2\text{Cu}[\text{N}(\text{CN})_2]\text{Br}$
 A. Tirbiyine, S. Senoussi, A. Taoufik, **A. Labrag**
 BDNT'06, El Jadida, Maroc: 1-3 Novembre 2006
11. Measurements and analysis of the noise voltage in the high- T_c superconducting thin films
A. Labrag, A. Taoufik, S. Senoussi, A. Ramzi, M. Bghour, A. Abaragh, A. Bouaaddi
 M²S- HTSC VIII Conference, July 09–14, 2006 in Dresden, Germany
12. Influence de la transition vitreuse sur la supraconductivité granulaire dans les matériaux organiques
 A. Ramzi, S. Senoussi, A. Tirbiyine, A. Taoufik, F. Pesty, **A. Labrag** , A. Haouam
 Rencontre thématique : PSSI, Ouajda Maroc, 18-19 Mai 2006
13. Irreversibility magnetization in $\text{YBa}_2\text{Cu}_3\text{O}_{7-\delta}$ single crystal
 A. Taoufik, A. Ramzi, S. Senoussi, **A. Labrag** and A. Abaragh
 MSM'05, Agadir Maroc : 5-8 September 2005
14. Dynamic of vortices in $\text{YBa}_2\text{Cu}_3\text{O}_{7-\delta}$ single crystal near T_g the temperature of vortex-glass transition
 M. Bghour , A. Taoufik, **A. Labrag** , A. Bouaaddi , A. Abaragh, A. Ramzi and S. Senoussi
 MSM'05, Agadir Maroc : 5-8 September 2005
15. The analysis of the irreversible magnetic field in the magnetization hysteresis cycles at high- T_c superconductor $\text{YBa}_2\text{Cu}_3\text{O}_{7-\delta}$ single crystals
 A. Abaragh , A. Taoufik, A. Bouaaddi, M. Bghour, **A. Labrag** A. Ramzi and S. Senoussi
 MSM'05, Agadir Maroc : 5-8 September 2005
16. The magnetic field effect on the noise power spectral density in thin epitaxial $\text{YBa}_2\text{Cu}_3\text{O}_{7-\delta}$ films
A. Labrag, A. Taoufik, M. Bghour, A. Abaragh, A. Bouaaddi , A. Ramzi and S. Senoussi
 MSM'05, Agadir Maroc : 5-8 September 2005
17. The transport of magnetic flux in type-II superconductors
 A. Bouaaddi , **A. Labrag**, M. Bghour, A. Abaragh, A. Ramzi, A. Taoufik and S. Senoussi
 MSM'05, Agadir Maroc : 5-8 September 2005
18. The noise power spectral density under the applied magnetic field in the mixed state superconducting
A. Labrag, A. Taoufik, A. Ramzi and S. Senoussi

REMCES X, Meknès-Maroc : 27-29 Avril 2005

19. Noise measurement near the transition region in $\text{YBa}_2\text{Cu}_3\text{O}_{7-\delta}$ thin films

A. Abaragh, A. Taoufik, **A. Labrag**, M. Bghour and S. Senoussi

REMCES X, Meknès-Maroc : 27-29 Avril 2005

20. Flux flow and noise power spectral density in thin epitaxial $\text{YBa}_2\text{Cu}_3\text{O}_{7-\delta}$ films

A. Labrag, A. Taoufik, A. Ramzi and S. Senoussi

MKS2004, Al Akhawayn University in Ifrane, Morocco: 21-25 November 2004

21. Analysis of the $1/f$ noise in high- T_c superconducting thin films

A. Taoufik, **A. Labrag**, A. Ramzi and S. Senoussi

MKS2004, Al Akhawayn University in Ifrane, Morocco: 21-25 November 2004

22. Measurements of the transport critical current densities of $\text{YBa}_2\text{Cu}_3\text{O}_{7-\delta}$ thin film

A. Labrag, A. Taoufik, S. Senoussi and A. Ramzi

8thICCMSP, Marrakech-Maroc : 21-24 September 2004

23. Origin of the noise power spectral density in thin epitaxial $\text{YBa}_2\text{Cu}_3\text{O}_{7-\delta}$ films

A. Labrag, A. Taoufik, S. Senoussi

NANO2004, Wiesbaden-Germany: 20-24 June 2004

24. The study of the critical current density J_c in $\text{YBa}_2\text{Cu}_3\text{O}_{7-\delta}$ single crystal

A. Ramzi, A. Taoufik, S. Senoussi, **A. Labrag** and A. Abaragh

RNJCP[®], Casablanca-Maroc: 25-27 Décembre 2003

25. Glass temperature T_g and the kinetic critical exponent μ in $\text{YBa}_2\text{Cu}_3\text{O}_{7-\delta}$ thin films

A. Ramzi, A. Taoufik, **A. Labrag**, M. Bghour and S. Senoussi

MSM'03, Monastir-Tunisia : 1-4 September 2003

26. Anisotropy of the magnetization in $\text{YBa}_2\text{Cu}_3\text{O}_{7-\delta}$ high quality single crystal

A. Ramzi, A. Taoufik, S. Senoussi and **A. Labrag**

REMCES IX, Agadir-Maroc : 30, 31 Octobre et 1er Novembre 2002

27. The irreversible magnetization study in $\text{YBa}_2\text{Cu}_3\text{O}_{7-\delta}$ single crystal

A. Taoufik, S. Senoussi, A. Ramzi and **A. Labrag**

REMCES IX, Agadir-Maroc : 30, 31 Octobre et 1er Novembre 2002

28. L'origine du bruit de tension caractéristique de la région de transition normal-supra

A. Labrag, A. Taoufik and S. Senoussi

REMCES IX, Agadir-Maroc : 30, 31 Octobre et 1^{er} Novembre 2002