

# REFERENCIAS

- [1] John P. Lemmon, a) Evgueni Polikarpov, Wendy D. Bennett, and Libor Kovarik  
"Thin metal oxide films to modify a window layer in CdTe-based solar cells for improved performance".
- [2] Akhlesh Gupta, Viral Parikh, Alvin D. Compaan  
"High efficiency ultra-thin sputtered CdTe solar cells".
- [3] C. Ferekides, j. Britt  
"CdTe solar cells with efficiencies over 15%".
- [4] A. I. Oliva, O. Solis-Canto, R. Castro-Rodriguez, Victor Sosa, P. Quintana  
"Películas delgadas de CdS: Preparación y comparación de propiedades usando diferentes técnicas de depósito". Sociedad Mexicana de Ciencia de Superficies y Vidrio, Superficies y Vacío No.10 (2000) p.15-19.
- [5] KL NARAYANAN, KP VIJAYAKUMAR, KGM NAIR and GVN RAO.  
"Chemical bath deposition of CdS thin films and their partial conversion to CdO on annealing".
- [6]. M. Caicedo, L. C. Moreno, G. Cediél y G. Gordillo  
"Estudio de propiedades ópticas y cristalográficas de películas delgadas de CdS depositadas sobre sustratos de SnO<sub>2</sub> y vidrio."
- [7] Krishna Seshan, Handbook of thin-film deposition, processes and techniques, Intel corporation, 2002
- [8] Aicha Elshabini-Riad and Fred Barlow, Thin film technology handbook, McGraw-Hill, 1998
- [9] Donald Smith, Thin film deposition, MacGraw-Hill, 2005
- [10] Lincot Daniel, Hodes Gary,  
"Chemical Solution Deposition of Semiconducting and Non-Metallic Films", Ed. The Electrochemical Society, E.U.A. 2003.
- [11] Arreola-Jardón, L.A. González, L.A. García-Cerda, B. Gnade, M.A. Quevedo-López and R. Ramírez-Bon,  
"Ammonia-free chemically deposited CdS films as active layers in thin film transistors",  
G., journal of Thin Solid Films, 517-520, Vol.519, Issue 1, 29 October (2010)
- [12] J. J. Valenzuela Jáuregui,  
"Síntesis y caracterización de películas delgadas semiconductoras de PbS mediante la técnica

de depósito químico, variando parámetros de tiempo y temperatura”, Tesis profesional, División de Ciencias Biológicas y de la Salud, Universidad de Sonora, 1998

[13] Pauer S.M., Pauer B.S., Kim J.H., Oh-Shim Joo, C.D. Lokhande, “Recent status of chemical bath deposited metal chalcogenide and metal oxide thin films”, Current Applied Physics Vol. 11, p.117-161 (2011)

[14] Bhavana Godbole, Nitu Badera, S. B. Shrivastav and V. Ganesan, “A simple chemical spray pyrolysis apparatus for thin film preparation”, JI. Of Instrum. Soc. Of India, 2009

[15] C.J. Brinker, A.J. Hurd, P.R. Schunk, G.C. Frye, C. “Review of sol-gel thin film formation”.

[16] Carcia, P. F. McLean, R. S. Reilly, M. H. Nunes, G. Applied Physics Letters Feb 2003  
“Transparent ZnO thin-film transistor fabricated by RF magnetron sputtering”.

[17] Hans-Ulrich Krebs, Martin Weisheit, Jorg Faupel, Erik Suske, Thorsten Scharf, Christian Fuhse, Michael Stormer; Kai Sturm, Michael Seibt, Harald Kijewski, Dorit Nelke, Elena Panchenko, and Michael Buback.  
“Pulsed Laser Deposition (PLD) - a Versatile Thin Film Technique”

[18] D. B. Chrisey and G. K. Hubler (Eds.).  
Pulsed Laser Deposition, New York: John Wiley and Sons, 1994.

[19] T. Venakatesan, X. D. Wu, A. Inam, and J. B. Wachtman,  
“Observation of two distinct components during pulsed laser deposition of high Tc superconducting films”, Appl. Phys. Lett., 52, 1193 (1988).

[20] MRS Bulletin,  
“Special issue on pulsed laser deposition”, February 1992.

[21] J. C. Miller (Ed.). Laser Ablation, Berlin/Heidelberg: “Springer Series in Materials Science”, 1994.

[22] J. T. Cheung and H. Sankur. CRC Crit. Rev. Solid State Mater. Sci. 15, 63-109 (1988).

[23] M. J. Schoening, Yu. G. Mourzina, J. Schubert, W. Zander, A. Legin, Yu. G. Vlasov, and H. Lueth  
“Pulsed Laser Deposition: An Innovative Technique for Preparing Inorganic Thin Films”.

[24] Hans-Ulrich Krebs, Martin Weisheit, Jorg Faupel, Erik Suske, Thorsten Scharf, Christian Fuhse, Michael Stormer; Kai Sturm; Michael Seibt, Harald Kijewski, Dorit Nelke, Elena Panchenko, and Michael Buback  
“Pulsed Laser Deposition (PLD) - a Versatile Thin Film Technique”

[25] T. Cheung Jeffery, History and Fundamentals of Pulsed Laser Deposition, capítulo 1 en: Chrisey D.B. y Hubler G.K., editores, 1994, Pulsed Laser Deposition of Thin Films, John Wiley & Sons Inc, p. 1-20.

- [26] A.D. Compaan, in: J.J. Dubowski (Ed.), "Laser Induced Thin Film Processing" Proceedings of SPIE, vol. 2403, 1995, p. 224.
- [27] Análisis de los datos sobre la Radiación solar para su aprovechamiento en Costa Rica. Presentado en el Seminario Sobre Energía en Centroamérica: Situación actual y Perspectivas, organizado por Confederación Universitarias Centroamericanas, (CSUCA), San José, Costa Rica, del 21 al 25 de Noviembre de 1983. Publicado en la memoria, pp. 1-16.
- [28] Alejandro Cassini, Marcelo Leonardo Levinas.  
"La explicación de Einstein del efecto fotoeléctrico: un análisis histórico-epistemológico".
- [29] Martin A. Green Solar Cells Operating Principles, Technology, and System Applications (Prentice-Hall series in solid state physical electronics) Prentice\_Hall(1981).
- [30] A.Romeo, D.L. Bätzner, H. Zogg and A.N. Tiwari  
"A comparison of the vacuum evaporated CdTe for substrate and superstrate solar cells".
- [31] L. A. Kosyachenko<sup>^</sup>, E. V. Grushko, and T. I. Mikityuk  
"Absorptivity of Semiconductors Used in the Production of Solar Cell Panels".
- [32] Xavier Mathew, Jose S. Cruz, David R. Coronado, Aduljay R. Millán, Gildardo C. Segura, Erik R. Morales, Omar S. Martínez, Christian C. Garcia, Eduardo P. Landa  
"CdS thin film post-annealing and Te–S interdiffusion in a CdTe/CdS solar cell".
- [33] Brian E. McCandless and James R. Sites  
"Cadmium Telluride Solar Cells".
- [34] R. Ochoa-Landín, J. Sastre-Hernández, O. Vigil-Galan, R. Ramírez-Bon  
"Chemically deposited CdS by an ammonia-free process for solar cells window layers".
- [35] Durose, K., Edwards, P.R., Halliday, D.P., 1999.  
"Materials aspects of CdTe/CdS solar cell". J. Cryst. Growth 197, 733–742.
- [36] Mendoza-Pérez, R., Aguilar-Hernández, J., Sastre-Hernández, J., Ximello-Quiebras, N., Contreras-Puente, G., Santana-Rodríguez, G., Vigil-Galán, O., Moreno-García, E., Morales-Acevedo, A., 2006.  
"Photoluminescence characteristics of CdS layers deposited in a chemical bath and their correlation to CdS-CdTe solar cell performance". Sol. Energy 80, 682–686.
- [37] Potlog, T., Ghimpu, L., Antoniu, C., Gashin, P., Pudov, A.O., Sites, J.R., 2003.  
"Photovoltaic parameters of CdS/CdTe solar cells as a function of processing parameters". In: Proceedings of the ISES Solar World Congress. Goteborg, Sweden, June 14–19, p. 4.30.
- [38] Romeo, N., Bosio, A., Canevari, V., Podesta, A., 2004.  
"Recent progress on CdTe /CdS thin films solar cell". Sol. Energy 77, 795–801.
- [39] Arturo Morales-Acevedo  
"Thin film CdS/CdTe solar cells: Research perspectives".

- [40] A. I. Oliva, O. Solis-Canto, R. Castro-Rodriguez, Victor Sosa, P. Quintana.  
"Películas delgadas de CdS: Preparación y comparación de propiedades usando diferentes técnicas de depósito". Sociedad Mexicana de Ciencia de Superficies y Vidrio, Superficies y Vacío No.10 (2000) p.15-19.
- [41] Marc Burgelman.  
"THIN FILM SOLAR CELLS BY SCREEN PRINTING TECHNOLOGY"
- [42] KL NARAYANAN, KP VIJAYAKUMAR, KGM NAIR and GVN RAO.  
"Chemical bath deposition of CdS thin films and their partial conversion to CdO on annealing".
- [43] S.J. Castillo, A. Mendoza-Galván, R. Ramírez-Bon, F.J. Espinoza-Beltrán, M. Sotelo-Lerma, J. González-Hernández, G. Martínez.  
"Structural, optical and Electrical characterization of InrCdSrglass thermally annealed system".
- [44] Bolko von Roedern.  
"How do Buffer Layers Affect Solar Cell Performance and Solar Cell Stability?"
- [45] CRC PRESS, Editors: Perrin Walker, William H. Tarn, "Handbook of metal etchants."
- [46] Wiley-Interscience, John Wiley & Sons, INC., edited by Robert Eason  
Pulsed laser deposition of thin films: Applications-LED growth of functional materials
- [47] Dieter K. Schroder, Semiconductor Material and Device Characterization, John Wiley & Sons, 2006
- [48] J.H. Klootwijk, C.E. Timmering  
Philips Research Laboratories, Prof. Holstlaan 4, 5656 AA Eindhoven, The Netherlands.  
"Merits and Limitations of Circular TLM structures for contact resistance determination for novel 111-V HBTs".