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Experimental Study of Structural Zone Model for Composite Thin Films in Magnetic Recording Media ApplicationProcess Optimization of Ion Plating Nickel-Copper-Silver Thin Film Deposition; Author Index

Sommario/riassunto

There have been extraordinary developments in nanomaterials in the past two decades. Nanomaterial processing is one of the key components for this success. This volume, titled Processing of Nanoparticle Materials and Nanostructured Films, is a collection of the papers presented at Controlled Processing of Nanoparticle-based Materials and Nanostructured Films symposium held during the Materials Science and Technology 2009 conference (MS&T'09), October 25-29, 2009 in Pittsburgh, PA. It summarizes the progress that has been achieved most recently in understanding and processing nanoparticle-based