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Heartfelt Thanks Go Also To My Loving Mother-in-law And My Late Father-in-law For Their Encouragement. I Would Like To Express My Appreciation To Dr. Aleksey Vasiliev, My Research Advisor, Whose Proficiency And Knowledge Have Added Value To My Research. I Thank Him Very Much For His Valuable Guidance, Counsel, And Insightful Comments. Mar 3th, 2024

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Advanced Metal Matrix Nanocomposites

Metals Review Advanced Metal Matrix Nanocomposites Massoud Malaki 1,* , Wenwu Xu 2, Ashish K. Kasar 3, Pradeep L. Menezes 3, Hajo Dieringa 4, Rajender S. Varma 5 And Manoj Gupta 6,* 1 Department Of Mechanical Engineering, Isfahan University Of Technology, Isfahan 84156-83111, Iran 2 Department Of Mechanical Engineeri Apr 2th, 2024

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Keywords: MnO₂, Polymer Nanocomposite, In Situ Polymerization, XRD, SEM. I. INTRODUCTION Polyaniline Is One Of The Most Promising Conducting Transition Metal Oxide Plays On Key Role For Many Potential Applications But Its Conductivity Has May 3th, 2024

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