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Nota di contenuto	Front matter -- Preface -- Contents -- List of contributing authors -- 1 Metal matrix composites for thermal management / Molina Jordá, José Miguel -- 2 Recent research and developments on the mechanical behavior of CNT-reinforced metal matrix composites / Silvestre, Nuno -- 3 Novel preparation and mechanical properties of in situ synthesized (TiB+La2O3)/TiNbTaZr composites / Li, Yue / Cheng, Xiaoxing / Wang, Liqiang / Lu, Weijie / Qin, Jining / Zhang, Fan / Zhang, Di -- 4 Microstructure formation of particle-reinforced metal matrix composite coatings produced by thermal spraying / Dudina, Dina V. / Batraev, Igor S. / Ulianitsky, Vladimir Yu. -- 5 Fabrication of Al-metal matrix composites by liquid stirring technique / Manna, Alakesh -- 6 Material removal processes for metal matrix composites / Singh, Inderdeep / Chaitanya, Saurabh / Kumar, Ravinder -- 7 An investigation into machining Al/SiC metal matrix composites / Krishnaraj, Vijayan -- 8 Application of response surface method and desirability function for the optimization of machining parameters of hybrid metal matrix (Al/SiC/Al2O3) composites / Palanikumar, Kayaroganam -- Index
Sommario/riassunto	Metal Matrix Composites (MMC's) have found an increased use in various industries due to their special mechanical and physical

properties. They are a composite material with at least two constituent parts, one being a metal and are made by dispersing a reinforcing material into a metal matrix. The markets are: telecommunications, automotive, power semiconductor, opto-electronics, military and aerospace, heavy transportation, space systems and satellites, medical, and industrial lighting. Applications within these markets include microwave, micro-electronic packaging, laser diode, HB-LED's,

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