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	COATINGSMODELING THERMAL STRESSES AND MEASURING THIN FILM CTE IN MoSi2 AND MoSi2+SiC COMPOSITE COATINGS ON MOLYBDENUM; INTERDIFFUSION OF COATINGS; INTERDIFFUSION BEHAVIOR IN AN ALUMINIDE COATED NICKEL-BASE ALLOY AT 1150°C; PREDICTING INTERDIFFUSION MICROSTRUCTURE USING THE PHASE FIELD APPROACH; SYNTHESIS OF Hf-DOPED CVD -NIAI COATING BY CONTINUOUS DOPING PROCEDURE; A NEW ANALYSIS FOR THE DETERMINATION OF TERNARY INTERDIFFUSION COEFFICIENTS FOR Ni- Cr-AI AND Fe-NI-AI ALLOYS; IN-SITU PROCESSING OF NICKEL ALUMINIDE COATINGS ON STEEL SUBSTRATES METALLIC/INTERMETALLIC COATINGS AND OXIDATIONDEVELOPMENT OF PROTECTIVE COATINGS FOR HIGH-TEMPERATURE METALLIC MATERIALS; RARE EARTH OXIDE COATINGS FOR LIFE EXTENSION OF CHROMIA FORMING ALLOYS; HIGH TEMPERATURE SURFACE OXIDATION CHEMISTRY OF IN-738LC; OXIDATION KINETICS AND MORPHOLOGY OF LASER SURFACE ENGINEERED HARD COATING ON ALUMINUM; THE INFLUENCE OF METALLIC COATINGS ON THE STRUCTURE, WETTING, AND MECHANICAL STRENGTH OF CERAMIC/METAL INTERFACES; CERAMIC COATING; FUNCTIONALLY GRADED MATERIALS PRODUCED BY LASER CLADDING; ELECTROPHORETIC AND ELECTROLYTIC DEPOSITION OF CERAMIC FILMS YTTRIA STABILIZED ZIRCONIA/ALUMINA COATINGS DEPOSITED BY COMBUSTION CHEMICAL VAPOR DEPOSITIONHIGH TEMPERATURE OXIDATION OF VC COATED H13 STEEL; NEAR NET SHAPE FORMING OF HAFNIUM-BASED CERAMIC COMPONENTS: SYNTHESIS AND CHARACTERIZATION; PROTECTIVE CVD MULLITE COATINGS WITH CONTROLLED COMPOSITION AND MICROSTRUCTURE; THE SPECTRAL EMITTANCE AND STABILITY OF COATINGS AND TEXTURED SURFACES FOD THUEDMORPHOCINCIC TRUE ON THE STURCTURE; THE SPECTRAL EMITTANCE AND STABILITY OF COATINGS AND TEXTURED SURFACES
	FOR THERMOPHOTO VOLTAIC (TPV) RADIATOR APPLICATIONS; TEXTURED DIAMOND FILMS ON SI AND Cu SUBSTRATES BY HFCVD TECHNIQUE; AUTHOR INDEX; SUBJECT INDEX
Sommario/riassunto	This conference proceedings focuses on processing and characterizing high-temperature coatings with regard to engineering, physical, and chemical properties. It includes the synthesis of new and unconventional coating materials and addresses various existing methods along with novel and innovative techniques of producing coatings and their applications.