1. Record Nr. UNINA9910706154503321

Titolo	Corporal punishment by school district
Pubbl/distr/stampa	[Washington, D.C.] : , : United States of America Department of Education, , [2015?]
Descrizione fisica	1 online resource (1 map) : color
Soggetti	Corporal punishment of children - United States School discipline - United States Online resources. Maps.
Lingua di pubblicazione	Inglese
Formato	Materiale cartografico a stampa
Livello bibliografico	Monografia
Note generali	Shows percentage of students who received corporal punishment in 2013-14. "Map created by the U.S. Department of Education." "Source: the 2013-14 civil rights data collection." Includes notes and list of states where corporal punishment is allowed.

2. Record Nr. UNINA9910337931503321

Titolo	Friction Stir Welding and Processing X / / edited by Yuri Hovanski, Rajiv Mishra, Yutaka Sato, Piyush Upadhyay, David Yan
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2019
ISBN	3-030-05752-6
Edizione	[1st ed. 2019.]
Descrizione fisica	1 online resource (XIV, 283 p. 176 illus., 136 illus. in color.)
Collana	The Minerals, Metals & Materials Series, , 2367-1696
Disciplina	620.11 671.52
Soggetti	Materials - Analysis Materials Metals Characterization and Analytical Technique Materials Engineering Metals and Alloys
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Part 1: High Temperature Applications I -- Effect of Thermal Aging on the Corrosion and Mechanical Properties of Friction Stir Welded 250 Grade Maraging Steel -- Friction Stir Processing of 304L Stainless Steel for Crack Repair -- Influence of underwater operation on friction stir welding of medium carbon steel -- Feasibility of iridium containing nickel base superalloy tool to friction stir Spot welding of High Strength Steel -- Part 2: High Temperature Applications II -- Development of Friction Stir Processing for Repair of Nuclear Dry Cask Storage System Canisters -- Performance of tungsten-based alloy tool developed for friction stir welding of austenitic stainless steel -- Investigation of Process Parameters for Friction Stir Processing (FSP) of Ti-6Al-4V Alloy -- Part 3: Derivative Technologies -- Solid-State Joining of Thick-Section Dissimilar Materials using a New Friction Stir Dovetailing (FSD) Process -- Joining aerospace aluminum 2024-T4 to titanium by Friction Stir Extrusion -- Dissimilar Metal T-Joint Formed by Friction Stir Extrusion -- Part 4: Lightweight Applications -- Friction Stir

Welding of Thick Section Aluminium Alloys - New Techniques -- Friction Stir Weld lap joint properties in aeronautic aluminum alloys -- Friction stir welding of thick aluminium welds – challenges and perspectives -- High-speed FSW aluminum alloy 7075 microstructure and corrosion properties -- Flow Features in Shoulder Zone during Scroll Tool Friction Stir Welding Thick 6061 Aluminum Plates -- Part 5: Dissimilar Applications -- Joining dissimilar material using Friction Stir scribe technique -- Influence of stir flow on joint quality during friction stir lap Al-to-Cu welding -- A Numerical Simulation for Dissimilar Aluminum Alloys Joined by Friction Stir Welding -- Realization of Ultrasound Enhanced Friction Stir Welded (USE-FSW) Al/Mg- and Al/Steel-Joints: Process and Robustness, Mechanical and Corrosive Properties -- Part 6: Industrial Applications -- Friction Stir Welding Parameter Developmentof AA7075 for Hot Stamping Applications -- A novel approach for joining EN AW 1050 stranded wire and EN CW 004A contact elements by Friction Stir Spot Bonding -- Joining Al 6061 to ZE41A Mg Alloy by Friction Stir Welding Using a Cold Spray Transition Joint -- Refill Friction Stir Spot Welding Aerospace Aluminum Alloys -- Part 7: Control and Simulation -- Depth and temperature control during friction stir welding of 5 cm thick copper canisters -- Predicting Lap Shear Strength for Friction Stir Scribe Joining of Dissimilar Materials -- Simultaneous Independent Control of Tool Axial Force and Temperature in Friction Stir Processing -- Process force reduction during robotic Friction Stir Welding of aluminium alloys with reduced tool aspect ratios -- Part 8: Poster Session -- Friction stir processing of 2507 super duplex stainless steel: microstructure and corrosion behavior -- Effect of Heat Treatment on Friction-stir-processed Nanodispersed AA7075 and 2024 Al Alloys -- Numerical Analysis of FSW Employing Discrete Element Method.

Sommario/riassunto

This books presents a current look at friction stir welding technology from application to characterization and from modeling to R&D. It is a compilation of the recent progress relating to friction stir technologies including derivative technologies, high-temperature applications, industrial applications, dissimilar alloy/materials, lightweight alloys, simulation, and characterization. With contributions from leaders and experts in industry and academia, this will be a comprehensive source for the field of Friction Stir Welding and Processing.