1. Record Nr. UNINA9910315237303321

Autore	Farrica Fátima
Titolo	Poder sobre as periferias : A Casa de Bragança e o Governo das terras no Alentejo (1640-1668) / / Fátima Farrica
Pubbl/distr/stampa	Évora, : Publicações do Cidehus, 2018 Lisboa : , : Edicoes Colibri : , : CIDEHUS/UE, Centro Interdisciplinar de Historia, Culturas e Sociedades da Universidade de Evora, , 2011
ISBN	979-1-03-651399-2
Descrizione fisica	202 pages : illustrations, map ; ; 23 cm
Collana	Biblioteca estudos & coloquios ; ; 27
Altri autori (Persone)	CunhaMafalda Soares da FarricaFátima
Soggetti	History Political Science élites nobreza senhorios poder local Casa de Bragança
Lingua di pubblicazione	Portoghese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Essay.
Nota di bibliografia	Includes bibliographical references (pages 183-191).
Sommario/riassunto	Este estudo debruça-se sobre as relações políticas entre a Casa de Bragança e os poderes locais nos concelhos de Vila Viçosa, Arraiolos e Monsaraz, entre 1640 e 1668, a partir da prerrogativa jurisdicional de controlar as eleições e as nomeações dos oficiais camarários. A reconstituição dos actos eleitorais permitiu comparar o procedimento eleitoral que era seguido nas terras desta casa senhorial com o que era seguido na maioria dos concelhos do reino e avaliar comparativamente o peso da autoridade da casa de Bragança, do rei e de outros donatários (portugueses e espanhóis) sobre as suas terras. A identificação dos diversos intervenientes no processo eleitoral permitiu ainda caracterizar socialmente as elites locais e avaliar os níveis de coincidência das escolhas para os senados camarários entre as

	comunidades (periferias) e a Junta da Casa de Bragança/ Duque (centro). Conclui-se que esta casa senhorial da família real, com administração autónoma, detinha privilégios que lhe reforçavam significativamente a capacidade de dominação sobre as suas áreas jurisdicionais.

2.

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Autore	Lv Na
Titolo	Key technologies of intelligentized welding manufacturing : welding arc acoustic sensing and monitoring technology / / Na Lv, Shanben Chen
Pubbl/distr/stampa	Singapore, : Springer, 2020
ISBN	981-15-2002-X
Descrizione fisica	1 online resource (129 pages)
Altri autori (Persone)	ChenShanben
Disciplina	671.5/2
Soggetti	Welding Welding industry
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	8 Microphone Array Technology in Welding Dynamic Process Monitoring
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Intro -- Acknowledgements -- Contents -- 1 Multi-source Information of Arc Welding Dynamic Process -- 1.1 Introduction -- 1.2 Acoustic Signal of Welding Dynamic Process -- 1.3 Classification of Welding Acoustic Signal -- 1.4 Feature and Application Value of Arc Sound Signal -- 1.5 Influencing Factor of Arc Sound Signal -- 1.6 Microphone Array Measurement of Arc Sound -- 2 Acoustic Mechanism and Arc Sound Source Modeling for GTAW Welding -- 2.1 Basic Arc Sound Source Model -- 2.1.1 Weld Pool Oscillation Model of Arc Sound -- 2.1.2 Analysis and Validation of Sound Source for GTAW 2.1.3 Influence of Welding Parameters on Arc Sound Signal During Dynamic Welding -- 3 Feature Extraction and Analysis of Arc Sound Signal with Dynamic Welding Process -- 3.1 Welding Operation System Setup -- 3.2 Arc Sound Signal Preprocessing Method -- 3.2.1 Removal of DC Component -- 3.2.2 Noise-Removal Process -- 3.2.3 Region of Interest (ROI) Selected -- 3.2.4 Window Function Addition -- 3.2.5

Analysis of Arc Sound Signal in Short Time Domain -- 3.2.6 Frequency-Domain Analysis of Arc Sound Signal -- 3.2.7 Time-Frequency Analysis of Arc Sound Signal
3.2.8 Relationship Between Sound Feature and Penetration of Weld Pool -- 4 Channel Generation Mechanism and Modeling for Arc Sound Signal During GTAW -- 4.1 Generation Mechanism of Arc Sound Channel -- 4.2 Arc Sound Channel Modeling Based on Cepstrum Coefficient -- 4.2.1 A Mathematical Model Based on Cepstrum Analysis -- 4.2.2 Cepstrum Coefficients Model of the Arc Sound Signal -- 4.3 Arc Sound Channel Modeling Based on Linear Predictive Analysis -- 5 Prediction Model Establishment Based on Arc Sound Feature Array -- 5.1 Welding Penetration Recognition Analysis Using Arc Sound Signal
5.2 Prediction Model Using BPAdaBoost Neural Network for GATW Welding -- 5.3 Classification Model Using Hidden Markov Model -- 5.3.1 Wavelet Analysis -- 5.3.2 Modeling Based on Hidden Markov Model -- 5.3.3 Comparing with Traditional Model -- 6 Relationship Modeling Between Weld Pool Collapse and Welding Penetration Based on Analyzing Arc Sound Features -- 6.1 Welding Experimental Design and Arc Sound Signal Collection -- 6.2 Processing of Arc Sound Signal for Weld Pool Collapse -- 6.2.1 De-DC Component Processing -- 6.2.2 Denoising
6.3 Accuracy Verification Test for Prediction Model Based on Arc Sound Feature -- 6.3.1 The Piecewise Linear Fitting for Arc Length -- 6.3.2 Validation of Arc Length Prediction Model -- 6.4 Prediction Experiment of Welding Pool Collapse -- 7 Real-Time Control of Welding Penetration via Arc Sound Signal for GTAW Welding -- 7.1 Design of Real-Time Processing Software for Arc Sound Signal During GTAW Welding -- 7.2 Arc Height Tracking Control Experiment via Arc Sound Signal of GTAW Welding -- 7.3 Welding Penetration Control Experiment via Arc Sound Signal of GTAW Welding

Sommario/riassunto

This book gives a full picture of the welding quality real-time control via arc sound information. This book presents all aspects of acoustic signal research during the welding dynamic process from the last five years. It also offers valuable and practical strategies for achieving the real-time control of welding quality via arc sound signal. Researchers, scientists, and engineers who have interests in intelligent welding could acquire intensive view and experiment procedures from the book.