

情報センターだより

PROCEEDINGS 所蔵目録

鉄鋼技術情報センターが、1980年3月から1983年12月までに入手したプロシーディングスの所蔵目録を、ご紹介いたします。

配列は、国際会議の開催年月順です。まだ事務局には KWIC Index (テーマについてのキーワードによる索引) 主催団体別、開催地別索引を備えてありますので、その利用につき事務局にお問合わせ下さい。また、主催団体に略称を用いたものの正式名称は次のとおりです。

AIAA : American Institute of Aeronautics and Astronautics  
 AIME : American Institute of Mining, Metallurgical, and Petroleum Engineers  
 AISI : American Iron and Steel Institute  
 ASM : American Society for Metals  
 ASME : American Society for Mechanical Engineers  
 ASTM : American Society for Testing and Materials  
 AWS : American Welding Society  
 CNRM : Centre National de Recherches Metallurgiques  
 DGM : Deutsche Gesellschaft für Metallkunde  
 ECSC : European Coal and Steel Community  
 IDDRG : International Deep Drawing Research Group  
 IISI : The International Iron and Steel Institute  
 ILAFA : Institute Latinoamericano del Fierro y el Acero  
 IRSID : Institute de Recherches de la Siderurgie Francaise  
 ISI : The Iron and Steel Institute  
 ISIJ : The Iron and Steel Institute of Japan  
 SAE : Society of Automotive Engineers  
 SEAISI : South East Asia Iron and Steel  
 VDEH : Verein Deutscher Eisenhüttenleute

問い合わせ先、(社)日本鉄鋼協会 鉄鋼技術情報センター 企画図書室 (TEL 03-241-1228)

受入 No.	PROCEEDINGS 名	開催地	開催月日	SPONSOR 名
450	CERAMIC ENGINEERING & SCIENCE PROC. VOL. 7-8	COCOA BEACH	80-01-20	AM. CERAMIC SOC.
411	SYMP ON THE USE OF STEEL PUBLIC	GENEVA	80-01-21	ECE-UN
425	INTERPIPE 80	HOUSTON	80-02-05	INTERPIPE EXHIBITION
289	STEEL IN THE 80'S	PARIS	80-02-27	ORGANIZATION FOR ECONOMICS
285	CORROSION '80	CHICAGO	80-03-03	NACE
275	SEAISI CONF. ON MARKET FACTORS & THEIR EFFECTS ON STEEL	NEW CASTLE	80-03-17	SEAISI
356	IRON MAKING PROC. VOL. 39	WASHINGTON	80-03-23	AIME
355	STEELMAKING PROC. VOL. 63	WASHINGTON	80-03-23	AIME
430	IST PROCESS TECHNOLOGY CONF.	WASHINGTON	80-03-25	AIME
459	1980 AWS CONVENTION @AM. WELDING SOC. 61TT ANNUAL MEET	LOS ANGELES	80-04-14	AM. WELDING SOC.
459	1980 AWS CONVENTION @11TH INT'L AWS-WRC BRAZING CONF.	LOS ANGELES	80-04-15	AM. WELDING SOC.
273	ENERGY-CONSCIOUS IRON & STEELMAKING	LEOBEN	80-04-21	VEREIN EISENHUTTE
429	1980 OFFSHORE TECHNOLOGY CONF.	HOUSTON	80-05-05	OFFSHORE TECHNOLOGY CONF.

受入 No.	PROCEEDINGS 名	開催地	開催月日	SPONSOR 名
288	PROC. OF THE 18H INT'L CONF. ON HEAT TREATMENT OF METAL	DETROIT	80-05-06	ASM
274	LAMINAECION'80	RIO DE JANEIRO	80-05-11	ILAFA
424	CORROSION & MECHANICAL STRESS AT HIGH TEMPERATURES	PETTEN	80-05-13	EC
501	CORROSION & MECHANICAL STRESS AT HIGH TEMPERATURES	PETTEN	80-05-13	EC
506	APPLICATION OF 21/4CR-1MO STEEL FOR THICK-WALL PRESS	DENVER	80-05-19	ASTM
484	TITANIUM '80 SCIENCE & TECHNOLOGY	KYOTO	80-05-19	JAPAN INST. OF METALS
329	PRESSURE VESSEL TECHNOLOGY	LONDON	80-05-19	ASME
403	METALS & ENERGY	AUCKLAND	80-05-19	AUS. INST. OF METALS
461	1ST JAPAN-VENEZUELA SYMP. ON MANUFACTURING OF IRON & ST	CARACAS	80-05-19	INSTITUTO VENEZOLANO
453	FERROALLOYS & OTHER ADDITIVES TO LIQUID IRON & STEEL	DENVER	80-05-20	ASTM
404	MCMASTER SYMP ON IRON & STEELMAKING No. 8	HAMILTON	80-05-21	MCMASTER UNIV.
462	AISI TECHNICAL SESSIONS MAY 21-22, 1980	NEW YORK	80-05-21	AISI
286	HF '80 @BLAST FURNACE CONF.	ARLES	80-06-02	EUROPEAN COAL & STEEL
443	EFFECTS OF RADIATION ON MATERIALS STP 725	SAVANNAH	80-06-03	ASTM
309	PROC. OF THE 8TH INT'L CRYOGENIC ENGINEERING CONF.	GENOVA	80-06-03	INT'L CRYOGENIC ENGINE
486	VDI-BERICHT 365	VERMEIDUNG	80-06-10	VEREIN DEUTSCHER INGEN
317	SCANIJECT 2	LULEA	80-06-12	JERNKONTRET
386	ALLOYS FOR THE 80'S	ANN ARBOR	80-06-16	CLIMAX MOLYBDENUM
497	MODERN DEVELOPMENTS IN POWDER METALLURGY	WASHINGTON	80-06-22	AM. POWDER METALLURGY I
342	PROC. OF 5TH INT'L CONF. ON AUTOMATED INSPECTION & PRODUC	STUTTGART	80-06-24	IFS
334	77TH ANNUAL CONF. OF THE INST OF BRITISH FOUNDRYMEN	LONDON	80-06-26	INST. OF BRITISH FOUNDR
316	27TH INT'L FIELD EMISSION SYMP.	TOKYO	80-07-07	INT'L FIELD EMISSION
229	AUSTRAIA-JAPAN EXTRACTIVE METALLURGY SYMP. 1980	SYDNEY	80-07-16	AUS INST OF MINING & ME
335	REDUCCION DIRECTA '80	BUENOS AIRES	80-07-27	ILAFA
438	SURFACES & INTERFACES IN CERAMIC & CERAMIC-METALS SYSTEM	BERKELEY	80-07-28	UNIV. OF CALIFORNIA
384	EFFECT OF PIPING RESTRAINTS ON PIPING INTEGRITY ASME-	SAN FRANCISCO	80-08-12	ASME
385	EXPLOSIVE WELDING, FORMING, PLUGGING & COMPACTION ASME	SAN FRANCISCO	80-08-12	ASME
396	ADVANCES IN MATERIALS TECHNOLOGY IN THE AM. 1980 VOL. 1	SAN FRANCISCO	80-08-12	ASME
396	ADVANCES IN MATERIALS TECHNOLOGY IN THE AM. 1980 VOL. 2	SAN FRANCISCO	80-08-12	ASME
397	RECENT ADVANCES IN LIFELINE EARTHQUAKE ENGINEERING IN	SAN FRANCISCO	80-08-12	ASME

301	PRODUCTION ENGINEERING	TOKYO	80-08-18	JAPAN SOC. OF PRECISION
447	MICROSTRUCTURAL SCIENCE VOL. 9	BRIGHTON	80-08-18	INT'L METALLOGRAPHICSO
472	MIXED MODE CRACK PROPAGATION	ATHENS	80-08-18	LEHIGH UNIV.
413	INT'L SYMP. ON METALLURGICAL SLAGS	HALIFAX	80-08-25	CANADIAN INST. OF MININ
398	FRACTURE & FATIGUE	LONDON	80-09-08	EUROPEAN GROUP ON FRAC
325	SEAI SI CONF. ON PROSPECTS FOR MINI-STEEL MILLS	SINGAPORE	80-09-08	SEAI SI
415	SUPERALLOYS 1980	CHAMPION	80-09-21	ASM
359	WELDING PROCESSES & AUTOMATION IN WELDING	BRATISLAVA	80-09-22	WELDING RES.INST.
544	LOW-CXCLE FATIGUE PREDICTION ASTM STP 770	FIRMINY	80-09-23	ASTM
300	INT'L CONF. ON STEEL ROLLING	TOKYO	80-09-29	ISI J
451	PRODUCTION & USE OF COIL-COATED STRIP	BIRMINGHAM	80-09-30	METALS SOC.
454	ENERGY EFFICIENT ELECTRICAL STEELS	PITTSBURGH	80-10-05	AIME
418	PROC. OF THE 2ND CONF. ON THE MINING & COKING OF COAL	PITTSBURGH	80-10-06	AIME
405	IISI 1980 REPORT OF PROC.	MADRID	80-10-06	IISI
432	2ND INT'L TINPLATE CONF.	LONDON	80-10-06	INT'L TIN RES.INST.
449	METAL FINISHING	KYOTO	80-10-12	INT'L UNION OF ELECTRO
362	1980 ASM MATERIALS & PROCESSES CONGRESS	CLEVELAND	80-10-28	ASM
395	MECHANICAL WORKING & STEEL PROCESSING 18	TORONTO	80-10-29	AIME
315	REFRACTARIOS EN PRODUCTION DE ACERO Y COBRE	LIMA	80-11-02	ILAFA
446	NUCLEAR ENGINEERING FOR AN UNCERTAIN FUTURE	TOKYO	80-11-05	UNIV. OF TOKYO
390	PIPELINE & ENERGY PLANT PIPING: DESIGH & TECHNOLOGY	CALGARY	80-11-10	WELDING INST. OF CANADA
313	4TH JAPAN-GERMANY SEMINAR	TOKYO	80-11-12	ISI J
518	MECHANICAL TESTING FOR DEFORMATION MODEL DEVELOPMENT A	BAL HARBOUR	80-11-12	ASTM
341	FRACTURE TOUGHNESS OF WINTER & CAST STEELS	CHICAGO	80-11-16	ASME
410	5TH INT'L ACOUSTIC EMISSION SYMP.	TOKYO	80-11-18	JAPANESE SOC.FOR NON-DESTRUCTIVE
427	ELECTRIC FURNACE PROC VOL 38	PITTSBURGH	80-12-09	AIME
487	COMPOSITE MATERIALS : MECHANIC. MECHANICAL PROPERTIES	TOKYO	81-01-12	JAPAN SOC. FOR COMPOSIT
502	FUTURE ENERGY CONCEPTS	LONDON	81-01-27	IEE
555	PROC. OF INT'L SYMP. ON MODERN DEVELOPMENTS IN STEELMAKING.	JAMSHEDPUR	81-02-	INT'L STEEL SYMP. SECRE
455	METALLURGY OF REFRACTORY METALS	CHICAGO	81-02-22	AIME
439	2ND PROCESS TECHNOLOGY CONF.	CHICAGO	81-02-23	AIME
560	FATIGUE IN OFFSHORE STRUCTUAL STEELS	LONDON	81-02-24	INST. OF CIVIL ENGINEER

510	1981 SPRING & FALL CONF SUMM.	LAS VEGAS	81-03-02	ASNT
557	HIGH TEMPERATURE CORROSION@ INT'L CORROSION CONF SERIES	SAN DIEGO	81-03-02	NACE
372	SEAI SI CONF. ON PRODUCTIVITY & MAINTENANCE	TOKYO	81-03-16	SEAI SI
513	2ND INT'L IRON ORE SYMP.	FRANKFURT	81-03-23	METAL BULLETIN
507	CREEP & FRACTURE OF ENGINEER- RING MATERIALS & STRUCTURES	SWANSEA	81-03-24	UNIV. OF WALES
508	ZIEHEN VON DRAHTEN STRANGEN UND ROHREN	BAD NAUHEIM	81-03-26	DEUTSCHE GESELLS- CHAFT F
456	IRONMAKING PROC. VOL. 40	TORONTO	81-03-29	AIME
452	STEELMAKING PROC. VOL. 64	HOUSTON	81-03-29	AIME
466	ADVANCES IN FRACTURE	CANNES	81-03-29	INT'L CONGRESS ON FRACTURE
419	WEAR OF MATERIALS 1981	SAN FRANCISCO	81-03-30	ASME
498	TUBE PRODUCTION & PROCESSING	AACHEN	81-04-01	INT'L TUBE ASSN
463	1981 AWS CONVENTION @AM. WELDING SOC. 62ND ANNUAL MEET	CLEVELAND	81-04-05	AWS
509	CORROSION '81	TORONTO	81-04-06	NACE
490	NEW ENERGY CONSERVATION TECHNOLOGIES & THEIR COMMERCIAL	BERLIN	81-04-06	INT'L ENERGY AGENCY
488	INDUSTRIAL CONVERSION OF COAL & CARBON TO GAS LIQUID	LONDON	81-04-07	SOC. OF CHEMICAL INDUST
463	1981 AWS CONVENTION @12TH INT'L AWS-WRC BRAZING CONF.	CLEVELAND	81-04-07	AWS CONVENTION
406	INT'L SYMP. ON SCRAP RECYCLING	TOKYO	81-04-10	ISI J
480	METAL-HYDROGEN SYSTEMS	MIAMI BEACH	81-04-13	UNIV. OF MIAMI
535	TECHNOLOGICAL IMPACT OF SURFACES	DEARBORN	81-04-14	ASM
485	6TH CONCAST CONVENTION ON THE CONTINUOUS CASTING	ZURICH	81-04-23	CONCAST
552	BEHAVIOR OF JOINTS IN HIGH TEMPERATURE	PETTEN	81-05	WELDING INST. UK
541	PROGRESS IN POWDER METALLURGY 1981	PHILADELPHIA	81-05-03	METAL POWDER INDUSTRIE
499	1981 OFFSHORE TECHNOLOGY CONF.	HOUSTON	81-05-04	OFFSHORE TECH- NOLOGY CONF.
558	INT'L FORMING CONF.	DUSSELDORF	81-05-04	VDEH
412	9TH INT'L FORGING CONF.	DUSSELDORF	81-05-04	VDEH
514	1981 COAL CONVENTION	ST. LOUIS	81-05-10	AM. MINING CONGRESS
401	ROD & BAR PRODUCTION IN THE 1980'S	LONDON	81-05-13	METALS SOC.
421	47E TECHNIQUE DE FONDERIE @47TH NATIONAL FOUNDRY CONG	PARIS	81-05-13	ASSN TECHNIQUE DE FOND
399	INT'L SYMP ON SHEET METAL FORMING	TOKYO	81-05-14	ISI J
521	MCMMASTER SYMP. NO. 9	HAMILTON	81-05-20	MCMMASTER UNIV.
407	3RD JAPAN-SWEDEN SYMP. ON PROCESS METALLURGY	STOCKHOLM	81-05-21	JERNKONTORET
408	CLEAN STEEL	BALATONFURED	81-06-01	VDEH
416	ENERGY IN THE INDUSTRY	RIO DE JANEIRO	81-06-07	ILFA
504	INST OF BRITISH FOUNDRYMEN	EDINBURGH	81-06-11	INST. OF BRITISH FOUNDR

383	8TH JAPAN-USSR JOINT SYMP. ON PHYSICAL CHEMISTRY	TOKYO	81-06-16	ISIJ
494	ION IMPLANTATION INTO METALS	MANCHESTER	81-06-23	INST OF PHYSICS
554	PROGRESS IN NITROGEN CERAMICS	FALMER	81-07-27	NATO SCIENCE COMM.
486	IFAC 81 PREP	KYOTO	81-08-24	IFAC
500	COMPOSITE STRUCTURES	FAISLEY	81-09	PAOSLEY COLLEGE OF TECHNOLOGY
536	MEASUREMENT & CONTROL TECHNIQUES IN ROLLING	LUXEMBOURG	81-09-02	EC
434	SINO-JAPANESE SYMP. ON STEELMAKING	BEIJING	81-09-06	CHINESE SOC. OF METALS
517	METALLIC CORROSION	MAINZ	81-09-06	INT'L CORROSION COUNCIL
478	ADVANCES IN HEAT PIPE TECHNOLOGY	LONDON	81-09-07	ROYAL AERONAUTICAL SOC.
489	SEMINAR ON THE ENERGY SITUATION IN THE IRON & STEEL	VIENNA	81-09-07	UNIDO
433	SEAISI CONF. ON TRAINING STANDARDS & QUALITY CONTROL	MANILA	81-09-07	SEAISI
512	COLLOQUIUM ON ALUMINIUM & ITS ALLOYS WELDED CONSTRUCTURES		81-09-08	INT'L INST. OF WELDING
503	2ND EUROPEAN CONF. ON NON-DESTRUCTIVE-TESTING	VIENNA	81-09-14	VEREIN EISENHUTTE OSTE
470	ADVANCES IN FLOW MEASUREMENT RECHNIQUES	NOORDWIJKER-HOUT	81-09-15	BHRA FLUID ENJINEERING
473	INTERNAL & EXTERNAL PROTECTION OF PIPES	NOORDWIJKER-HOUT	81-09-15	BHRA FLUID ENJINEERING
527	COKE OVEN TECHNIQUE	LUXEMBOURG	81-09-23	EC
495	24TH INT'L COLLOQUIUM ON REFRACTORIES	AACHEN	81-09-24	VDEH
428	6TH INT'L CONF ON TEXTURES OF MATERIALS @ ICOTOM 6	TOKYO	81-09-28	ISIJ
545	FERRITIE STEELS FOR HIGH TEMPERATURE APPLICATION	WARREN	81-10-06	ASM
483	IISI 1981 REPORT OF PROC.	TORONTO	81-10-12	IISI
510	1981 SPRING & FALL CONF. SUMM.	ATLANTA	81-10-12	ANST
553	STEELS FOR LINE PIPE & PIPELINE FITTINGS	LONDON	81-10-21	METALS SOC.
539	INT'L CONGRESS ON HEAT TREATMENT OF METALS	WARSAW	81-10-27	INT'L FEDERATION
531	MECHANICAL WORKING & STEEL PROCESSING 19	PITTSBURGH	81-10-28	AIME
458	NIOBIUM'81 @ INT'L SYMP.	SAN FNANCISCO	81-11-11	ASM
519	MOTOR VEHICLE TECHNOLOGY IN THE 80' S-NEEDS & RESOURCES	HONOLULU	81-11-16	SAE
445	3RD JAPAN-CZECHOSLOVAKIA JOINT SYMP.	TOKYO	81-11-19	ISIJ
532	ELECTRIC FURNANCE PROC. VOL. 38	HOUSTON	81-12-08	AIME
465	SEAISI CONF ON FLAT PRODUCTS ROLLING MILLS FOR THE DEV	KUALA LUMPUR	82-03-15	SEAISI
529	CORROSION'82@ INT'L CORROSION FORUM	HOUSTON	82-03-22	NACE
474	ABST FOR THE INT'L SYMP. ON HYDROTHERMAL REACTIONS	YOKOHAMA	82-03-22	TOKYO INST. OF TECHNOLOGY
530	STEELMAKING PROC. VOL. 65	PITTSBURGH	82-03-28	AIME

537	3RD PROCESS TECHNOLOGY CONF.	PITTSBURGH	82-03-28	AIME
533	IRONMAKING PROC. VOL. 41	PITTSBURGH	82-03-28	AIME
559	HYDROGEN IN STEEL @ 1982 SPRING RESIDENTIAL CONF	BATH	82-04-14	INST. OF METALLURGISTS
563	TECHNOLOGY YORKSHIRE BRANCH	WAKEFIELD	82-04-25	INST OF CORROSION SCIENCE
476	5TH GERMANY-JAPAN SEMINAR	DUSSELDORF	82-05-03	VDEH
567	1982 OFFSHORE TECHNOLOGY CONF.	HOUSTON	82-05-03	OFFSHORE TECHNOLOGY CONF.
568	CORROSION RESISTANT MATERIALS FOR COAL CONVERSION SYST	LONDON	82-05-05	EUROPEAN FEDERATION
534	ICMC @ INT'L CRYOGENIC MATERIALS CONF. BOARD	KOBE	82-05-11	INT'L CRYOGENIC MATERIALS
528	ICEC 9 @9TH INT'L CRYOGENIC ENGINEERING CONF.	KOBE	82-05-11	INT'L CRYOGENIC ENGINE
475	4TH INT'L IRON & STEEL CONGRESS	LONDON	82-05-12	METALS SOC.
493	ALTOS HORONS '82 @2ND ILAFA BLAST FURNACES CONGRESS	RIO DE JANEIRO	82-05-12	ILAFA
549	INT'L CONF.ON WELDING TECHNOLOGY FOR ENERGY APPLICATION	GATLINBURG	82-05-16	ASM
492	FERROALEACTIONS '82 @ILAFA FERROALLOY CONGRESS	RIO DE JANEIRO	82-05-19	ILAFA
542	DEFECTS FRACTURE	MONT CABRIFL	82-05-30	MCGILL UNIV.
550	3RD INT'L CONGRESS ON HYDROGEN & MATERIALS	PARIS	82-06-07	3RD INT'L CONGRESS
505	79TH ANNUAL CONF. OF THE BRITISH FOUNDRYMEN	BRIGHTON	82-06-17	INST. OF BRITISH FOUNDR
479	2ND JAPAN VENEZUELA SYMP.	TOKYO	82-06-23	ISIJ
524	37 CONGRESSO ANUAL	RIO DE JANEIRO	82-07-	ABM
516	SEAI SI CONF. ON APPLICATION OF NEW IROW & STEELMAKING	BANGKOK-PATTAYA	82-09-06	SEAI SI
566	INT'L UNION FOR ELECTROHEAT	CAMBRIDGE	82-09-21	BNCE
525	HIGH TEMPERATURE ALLOYS FOR GAS TURBINES 1982	LIEGE	82-10-04	CRM
543	IISI 1982 REPORT OF PROC.	TOKYO	82-10-11	IISI
547	PROGRESS IN SCIENCE & ENGINEERING OF COMPOSITES	TOKYO	82-10-25	JAPAN SOC. FOR COMPOSITES
523	PROGRESS IN ACOUSTIC EMISSION	SUSONO	82-10-31	JAPANESE SOC. FOR NON-DESTRUCTIVE INSPECTION
522	INT'L SYMP. ON CARBON@ NEW PROCESSING@NEW APPLICATIONS	TOYOHASHI	82-11-01	CARBON SOC. OF JAPAN
546	HIGH TEMPERATURE CORROSION OF METALS & ALLOYS	TOKYO	82-11-17	JAPAN INST. OF METALS
565	FUNDAMENTAL & PRACTICAL APPROACHES TO THE RELIABILITY	OSAKA	82-11-24	JAPAN WELDING SOC.
526	PROC. OF 7TH ICVM	TOKYO	82-11-26	ISIJ
548	PROC. OF 26TH JAPAN CONGRESS ON MATERIALS RESEARCH	KYOTO	83-03-	SOC OF MATERIALS SCIENE
564	CORROSION '83 @INT'L CORROSION FORUM	ANAHEIM	83-04-18	NACE
540	IST INT'L SYMP. ON MOLTEN SALT CHEMISTRY & TECHNOLOGY	KYOTO	83-04-20	MOLTEN SALT COMM OF JAPAN
562	IMPACT OF IRON & STEEL INDUSTRY ON DOWNSTREAM INDUSTRY	YOGYAKARTA	83-04-25	SEAI SI

561	9TH USSR-JAPAN JOINT SYMP ON PHYSICAL CHEMISTRY	MOSCOW	83.06.22	ISIJ
551	ACERIA ELECTRICA '83	SAN DIEGO	83.07.21	ILFAFA
591	MACHINABILITY	LONDON	65.10.04	ISI
584	FATIGUE ENVIROMENT & TEMPERATURE EFFECTS	NEW YORK	80.07.14	ARMY MATERIALS & MECHANIC RES.
585	INT'L BLAST FURNANCE HEARTH & RACEWAY SYMP.	NEWCASTLE	81.03.03	AUS IMM
588	ADVANCED PROCESSING METHODS FOR TITANIUM	LOUISVILLE	81.10.13	AIME
570	STAND UND ENTWICKLUNG DER WERKZEUGWERKSTOFFE	DUSSELDORF	82.02.04	VEREIN DEUTSCHER INGEN
563	INSTRUMENTATION & TESTING FOR THE CORROSION PREVENTION	WAKEFIELD	82.03.11	INST OF CORROSION SICE NCE
581	FEUERFESTE STOFFE IM STRANGGIE BBEREICH	DUSSELDORF	82.03.11	VDEH
572	PROC. OF IST INT'L SYMP. ON HYDROTHERMAL	YOKOHAMA	82.03.22	TOKYO INST. OF TECHNOLOG
576	BEHAVIOUR OF OFFSHORE STRUCTURE	MASSACHUSETTS	82.04.2	INST. OF TECHNOLOGY
567	CONF. ON OFFSHORE TECHNOLOGY	HOUSTON	82.05.03	OFFSHORE TECHNOLOGY CONF
568	CORROSION RESISTANT FOR COAL CONVERSION SYSTEMS	LONDON	82.05.05	EUROPEAN FEDERATION
575	QUANTITATIVE NDE IN NUCLEART INDUSTRY	SAN DIEGO	82.05.10	ASM
583	CONTINUOUS CASTING	LONDON	82.05.12	METALS SOC.
589	H2S CORROSION IN OIL & GAS PRODUCTION	DENVER	82.06.22	NACE
590	STRENGTH OF METALS & ALLOYS	MELBOURNE	82.08.16	AUS. INST. OF METALS
573	2ND INT'L CONF. ON ISOSTATIC PRESSING	STRATFORD ON AVON	82.09.21	METAL POWDER REPORT
592	MECHANICAL WORKING & STEEL PROCESSING 20	HOUSTON	82.10.27	AIME
580	SPECIALITY STEELS & HARD MATERIALS MATERIALS DEVELOPM	PRETORIA	82.11.08	COUNCIL FOR SICENTIFIC
594	2ND INTERNATIONAL CONFERENCE ON OPPSHORE WELDED STRUCTURES	LONDON	82.11.16	WELDING INS.
565	FUNDAMENTAL & PRACTICAL APPROACHES TO THE RELITABILITY 0	OSAKA	82.11.24	JAPAN WELDING STRUCTURES
593	ELECTRIC FURNANCE PROCEEDINGS VOL. 40	KANSAS CITY	82.12.07	AIME
564	CORROSION '83	ANAHEIM	83.04.18	NACE
562	IMPACT OF IRON & STEEL INDUSTRY ON DOWNSTREAM INDUSTRY	YOGYAKARTA	83.04.25	SEASIS
582	SCANINJECT III	LULEA	83.06.15	IERNKONTORET
574	XXXVIII CONGRESSO ANUAL ABM	SAO PAULO	83.07.	ABM
577	4TH CZECHOSLOVAK-JAPANESE METALLURGICAL SYMP	PRAGUE	83.09.13	ISIJ
569	CHEMICAL SENSOR	FUKUOKA	83.09.19	RESEARCHERS ASSN
566	ELECTROHEAT FOR METALS	CAMBRIDGE	83.09.21	BRITISH NATL COMM ELEC TROHEAT
578	MMIJ-AUS IMM JOINT SYMP. 1983 SENDAI	SENDAI	83.10.06	MMIJ

受入 No.	PROCEEDINGS 名	開催地	開催月日	SPONSOR 名
571	JOINT SYMP OF ISIJ & AUSTRASIAN INST OF MINING & METALLURGY	TOKYO	83-10-13	ISIJ
579	2ND JAPAN-CHINA SYMP. ON SCIENCE & TECHNOLOGY	TOKYO	83-11-14	ISIJ
586	PREPINT OF 1ST INT'L CONF ON REFRACTORIES	TOKYO	83-11-15	TECHNICAL ASSOCIATION
587	DIRECT USE OF COAL IN IRON & STEELMAKING	LONDON	83-10-19	METALS SOC.

## 書 評

## 固体試料分析のためのプラズマ発光法 (日本分光学会測定法シリーズ2)

村山 精一・高橋 務編

発光分光分析は転炉製鋼の工程管理を初とした各種の管理分析, 材料の研究開発に盛んに利用されているが, 本書はその原理, 手法を平易に解説したものである。この種の書物はややもするといくつかの分析手法の羅列に終わる傾向があるが, 本書は発光部をプラズマとして捉えることによつて, それらを統一的に解釈しようとしており, 発光分光分析をこれから勉強しようとする人にも理解しやすいように配慮されている。ここで取り上げている手法はアーク励起法, スパーク励起法が中心になつており, それにレーザー発光法, グロー放電法が新分析手法として加えられている。それぞれについて励起発光法, 発光部の特性が要領良く述べられている。

これらの励起法とともに, 分光器, 光検出器等の測定機器についても簡潔な説明が加えられている。分光

器の光学系と結像特性, 入射スリットや集光系の使い方など, 実際に発光分光分析を行うにあたって参考になる点が多い。

本書の最大の特徴は, 全体で約 170 頁の小冊子でありながら, その約 1/3 を割いて, アーク, スパーク放電時に認められる主要スペクトル線の波長表, 写真集にあてている点にある。特にスペクトル写真集は, 従来の出版物では含まれていない真空紫外領域 (150~200 nm) を新たに加えたもので, この分析法の研究者にとつて良いハンドブックとなろう。

(角山浩三)

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