

KEY TO ABBREVIATIONS OF PUBLICATIONS APPEARING IN THE BIBLIOGRAPHY

<i>Abhandlungen der Braunschweigischen</i>	<i>Abhandlungen der Braunschweigischen Wissenschaftlichen Gesellschaft</i> (Geysostrasse 7, Brunswick, Germany).
<i>Acad. Sci. Ukrainian, S.S.R. Kiev</i>	Akademiiia Nauk U.S.S.R., Kiev (Kiev, Russia).
<i>ACEC</i>	(now <i>Charleroi Jeumont</i> .) Les Ateliers de Constructions Electriques de Charleroi et Les Forges et Ateliers de Constructions Electriques de Jeumont (Brussels).
<i>Acta Physica Pol.</i>	<i>Acta Physica Polonica</i> (Wilno, Poland).
<i>Acta Polytech.</i>	<i>Acta Polytechnica</i> . Royal Swedish Academy of Engineering Science (Stockholm).
<i>AEG-Mitt.</i>	<i>AEG-Mitteilungen</i> (Berlin).
<i>AIEE</i>	American Institute of Electrical Engineers (New York, N. Y.), also <i>Electrical Engineering and Transactions</i> .
<i>AIME</i>	American Institute of Mining and Metallurgical Engineers, <i>Technical Publications</i> , also, <i>Mining and Metallurgy</i> (New York).
<i>Allis-Chalmers Elec. Rev.</i>	<i>Allis-Chalmers Electrical Review</i> (Milwaukee, Wis.).
<i>Aluminium Suisse</i>	O. H. C. Messner, Stauffacherquai, 40, Zurich 4 (Switzerland).
<i>American Water Works Association Journal</i>	American Water Works Assn., 521 Fifth Ave., New York 17, N. Y.
<i>Am. J. Science</i>	<i>American Journal of Science</i> (New Haven, Conn.)
<i>Am. Phys. Soc. Proc.</i>	American Physical Society, <i>Proceedings</i> (New York, N. Y.).
<i>Ann. Chim. Phys.</i>	<i>Annales de Chimie et de Physique</i> . Separated in Jan. 1914 into <i>Annales de Chimie</i> and <i>Annales de Physique</i>
<i>Ann. d. Phys.</i>	<i>Annales de Physique</i> (Paris, France).
<i>Ann. der Phys.</i>	<i>Annalen der Physik</i> (Leipzig, Germany).
<i>Appl. Sci. Res.</i>	Applied Scientific Research, Martinus Nijhoff, The Hague (Holland).
<i>Applic. & Industr.</i>	<i>Application & Industry</i> . Part 2 of <i>Transactions of the American Institute of Electrical Engineering</i> , 33 W. 39th St., New York 18, N. Y.
<i>Arch. Electrotech.</i> (Berlin).....	<i>Archiv für Elektrotechnik</i> (Berlin, Germany).
<i>Arch. Tech. Messen</i>	<i>Archiv für Technisches Messen</i> (Munich, Germany).
<i>Arkiv. f. Fysik</i>	Kungliga Svenska Vetenskapsakademien, Stockholm 50, Sweden.
<i>Arkiv. f. Mat.-Astr. och Fysik</i>	<i>Arkiv für Matematik, Astronomi och Fysik</i> (Stockholm and London).
<i>ASEA</i>	<i>Allmanna Svenska Elektriska A.B.</i> (Vasteras, Sweden).
<i>Asea J.</i>	ASEA Electric Ltd., Fullbourne Road, London E17.
<i>Assoc. Suisse des Elec.</i>	Association Suisse des Electriciens (Schweizerischer Elektrotechnischer Verein) (Zürich, Switzerland).
<i>Astrophys. J.</i>	<i>Astrophysical Journal</i> , Univ. of Chicago Press (Chicago, Ill.).
<i>A.T.E. Journal</i>	<i>A.T.E. Journal</i> . Formerly <i>Strowger Technical Journal</i> (Chicago, Ill.).

- Australasian Engineer*.....Issued monthly by the Mechanical Engineers' Association, Inc.; Australian Institute of Metals; Australian Welding Institute, 20 Loftus St., Sydney, Australia.
- Australian J. App. Sci.*.....*Australian Journal of Applied Science*, Commonwealth Scientific & Industrial Research Organization, 314 Albert St., East Melbourne, C-2.
- Automatic Control*.....*Automatic Control*, Reinhold Publishing Corp., 430 Park Ave., New York 22, N. Y.
- Automat. Elect. tech. J.*.....*Automatic Electric Technical Journal*, 1033 West Van Buren St., Chicago 7, Ill.
- Avto. Delo*.....*Avtojennoe Delo*. (Russia).
- Beama*.....British Electrical and Allied Manufacturers Association (London).
- Bell Laboratories Record*.....*Bell Laboratory Record*. American Telephone and Telegraph Co. (New York, N. Y.).
- Bell System Technical J.*.....*Bell System Technical Journal* (New York, N. Y.).
- BIOS Rep.*.....British Intelligence Objectives Sub-Committee Report. H.M. Stationery Office, London; U. S. Dept. of Commerce, Washington, D. C.
- Bol. Fac. Ingen. Montevideo*.....*Boletín de la Facultad de Ingeniería de Montevideo*. Universidad de la República O. del Uruguay. Facultad de Ingeniería y Ramas Anexas Publicaciones. Av. Julio Herrera y Reissig 565, Montevideo.
- Brit. J. App. Phys.*.....Institute of Physics, 47 Belgrave Square, London S.W.1. Allmänna Svenska Elektriska AB, Västerås.
- Brit. Stand.*.....British Standards Institution, 24-8 Victoria St., London, S.W. 1.
- Brown Boveri Rev.*.....*Brown Boveri Review* (New York, N. Y.).
- BTH Act.*.....*British Thomson-Houston Activ.*
- BT-H Tech. Monogr.*.....*British Thomson-Houston Technical Monograph*, British Thomson-Houston Co., Rugby, England.
- Bull.*.....*Bulletin* (Publisher's name listed separately).
- Bull. Ass. Ing. Élect. Montefiore*.....Association des Ingénieurs Electriciens sortis de l'Institut Électrotechnique de Montefiore. *Bulletin Scientifique A.I.M.* (Liège).
- Bull. Ass. Suisse Élect.*.....*Bulletin de l'Association Suisse des Electriciens* (Zurich).
- Bull. Int. Rly. Congr. Ass.*.....*Monthly Bulletin of the International Railway Congress Association* (English Ed.), 19 Rue du Beau-Site (Brussels).
- Bull. Oerlikon*.....*Bulletin Oerlikon* (London, England).
- Bull. Soc. Belge Elect.*.....*Bulletin de la Société Belge des Electriciens*, 1 Place du Trône, Brussels, Belgium.
- Bull. Soc. Franç. Élect.*.....*Bulletin de la Société Française des Électriciens* (Mala-koff (Seine, France)).
- Canadian J. of Tech.*.....*Canadian Journal of Technology*. Formerly, *Canadian Journal of Research*, Section F, address unchanged.
- C. E. I. G. Ber.*.....*CEIG Berichte*, Berichte der Continental Elektroindustrie, Jacobistrasse 3-5, Düsseldorf (Germany).
- Chem. News*.....*Chemical News* (London, England).
- Cohm*.....*Cohm* (Japan).
- Colliery Guardian*.....30 Furnial St., Holborn, London, EC 4, England.
- Commun. News*.....*Communication News*. Philips Electrical, Century House, Shaftesbury Ave., London W.C. 2, England.
- Commun. & Electronics*.....*Communications & Electronics*. Part 1 of *Transactions of the American Institute of Electrical Engineers*, 33 W. 39th St., New York 18, N. Y.

<i>Compt. rend.</i>	<i>Comptes rendus hebdomadaires des séances de l'Académie des Sciences</i> (Paris).
<i>Conf. Int. Gr. Rés. Elect. (CIGRE)</i>	<i>Conference Internationale des Grands Réseaux Electriques</i> (Paris, France).
<i>Corrosion</i>	National Association of Corrosion Engineers, Houston, Tex.
<i>C.R. Acad. Sci. (Paris)</i>	<i>Comptes Rendus Hebdomadaires des Séances de l'Académie des Sciences</i> , Librairie Gaithier-Villars, Quai des Grands-Augustins 55, Paris, France.
<i>Denki no Tomo</i>	<i>Denki no Tomo</i> (Japan).
Dept. of Ceramic.....	Dr. E. Dürrwachter and Co., Pforzheim (Germany).
<i>Dissert. ETH Zürich</i>	<i>Dissertation der Eidgenössischen Technischen Hochschule in Zürich</i> , Clausinsstrasse 13, Zürich, Switzerland.
<i>Distrib. Elect.</i>	<i>Distribution of Electricity</i> , London.
<i>Doklady Akad. Nauk SSSR</i>	<i>Doklady Akademii Nauk SSSR</i> (Moscow and Lenin-grad).
<i>Dtsch. Electrotech.</i>	Verlag Technik, Unten den Linden 12, Berlin N.W.7, Germany.
E. Bull. Oerlikon.....	Electrical Bulletin of Maschinenfabrick Oerlikon (Zürich, Switzerland).
<i>Eclairage Electr.</i>	<i>Eclairage Electrique</i> (Paris, France).
<i>Edison Elect. Inst. Bull.</i>	<i>Edison Electric Institute Bulletin</i> (Philadelphia, Pa.).
<i>Elec. Commun.</i>	<i>Electrical Communication</i> . International Telephone & Telegraph Corp., 67 Broad St., New York 4, N. Y.; Connaught House, Aldwych, London W.C.2, Eng-land.
<i>Elec. Eng.</i>	<i>Electrical Engineer</i> (New York and London).
<i>Elec. Engg.</i>	<i>Electrical Engineering</i> (London, England).
<i>Elec. Ind.</i>	<i>Electrical Industries</i> .
<i>Elec. J.</i>	<i>The Electric Journal</i> (Pittsburgh, Pa.).
<i>Elec. Mfg.</i>	<i>Electrical Manufacturing</i> (New York, N. Y.)
<i>Elec. News Engg.</i>	<i>Electrical News and Engineering</i> , Toronto, Ont., Canada.
<i>Elec. Rev.</i>	<i>The Electrical Review</i> (London, England).
<i>Elec. Times</i>	<i>The Electrical Times</i> (London, England).
<i>Elect. Energy</i>	<i>Electrical Energy</i> , 28 Essex St., Strand, London, W.C.2 (England).
<i>Elect. Manuf.</i>	<i>Electrical Manufacturer</i> . Address changed to Techni-view Publications, 125 Oxford St., London, W. 1, England.
<i>Electric Light Pwr.</i>	<i>Electric Light & Power</i> , Haywood Publishing Co., 22 E. Huron St., Chicago 11, Ill.
<i>Electrical Power Engineer</i>	Electrical Power Engineers Assn., 102 St. George's Square, SW 1, London, England.
<i>Electrician</i>	<i>The Electrician</i> (London, England).
<i>Electrochem. Soc.</i>	Electrochemical Society (New York, N. Y.).
<i>Electronics</i>	<i>Electronic</i> (New York and London).
<i>Elektrotechnik</i>	The Hague.
<i>Electrot. Laborat., Circ., Tokyo, Japan</i>	<i>Circulars of the Electrotechnical Laboratory</i> (Tokyo, Japan).
<i>Elect. West</i>	<i>Electrical West</i> (New York, N. Y.).
<i>Elect. World</i>	<i>Electrical World</i> (New York, N. Y.).
<i>Elekt. Bahnen</i>	<i>Elektrische Bahnen</i> . R. Oldenbourg, Schliessfach 31, Munich 1, Germany.
<i>Elektr. Anzeiger</i>	<i>Elektrotechnischer Anzeiger</i> (Berlin, Germany).
<i>Elektrichestvo</i>	U. S. Bol'shaya Kaluzhskaya 67, Moscow, U.S.S.R.
<i>Elektrizitätswirtschaft</i>	<i>Elektrizitätswirtschaft</i> , VDEW, Backenheimer Landstr 109, Frankfurt am Main, Germany.

<i>Elektronische Rundschau</i>	Formerly <i>Funk und Ton</i> . (<i>Funk u. Ton</i>). Address unchanged.
<i>Elektrotech. Obz.</i>	Vocelova 3, Prague XII, Czechoslovakia.
<i>Elektrotech. u. Maschinenbau</i>	<i>Elektrotechnik und Maschinenbau</i> (Vienna, Austria).
<i>Elektrotech. Z. (ETZ)</i>	<i>Elektrotechnische Zeitschrift</i> (Berlin, Germany).
<i>Elektrotechnik</i>	Technik Verlag, G.m.b.H., Dorotheen Strasse 41, Berlin, N.W. 7, Germany.
<i>Elektroteknikeren</i>	<i>Elektroteknikeren</i> , Landskronagade 70, Copenhagen ϕ (Denmark).
<i>Elektrotek. Tidsskr.</i>	<i>Elektroteknisk Tidsskrift</i> (Copenhagen, Denmark).
<i>Elekt. Stantsii</i>	<i>Elektricheskie Stantsii</i> . Ministry of Electric Power Stations GUM, III Korpus, Vetospyiper. Moscow, U.S.S.R.
<i>Elettrotecnica</i>	<i>Elettrotecnica</i> . Associazione Elettrotecnica Italiana (Via S. Paolo 10, Milan, Italy).
<i>Elin-z.</i>	<i>Elin-Zeitschrift</i> (Vienna, Austria).
<i>Energetik</i>	<i>Energetika</i> (Prague)— <i>Energetika</i> Spalena ul 51. Prague II. Journal formerly as <i>Energetyke</i> will now appear as thus.
<i>Energetyka</i>	<i>Energetyka</i> . Ul. Stawowa 19, Katowice, Poland.
<i>Energia Elett.</i>	<i>Energia Elettrica</i> (Milan, Italy).
<i>Engineer</i>	<i>The Engineer</i> (London, England).
<i>Engineering</i>	<i>Engineering</i> , 35-36 Bedford St., London W.C.2, England.
English Elec. J.....	<i>English Electric Journal</i> , English Electric Co., Ltd. (Stafford, England).
<i>Engng. J. Montreal</i>	<i>The Engineering Journal</i> —Montreal, Canada.
ENT.....	<i>Elektrische Nachrichten-Technik</i> (Berlin, Germany).
ERA Reports.....	British Electrical and Allied Industries Research Association Reports (London, England).
ERA (Stockholm).....	
<i>Ericsson Rev.</i>	<i>Ericsson Review</i> (Stockholm, Sweden).
ETJ.....	<i>Electrotechnical Journal</i> (Japan). Overseas edition of the <i>Journal of the Institute of Electrical Engineers</i> (Japan).
ETZ.....	<i>Elektrotechnische Zeitschrift</i> (Berlin, Germany).
<i>E.u.M.</i>	<i>Elektrotechnik und Maschinenbau</i> (Vienna, Austria).
<i>F & G Rdsch</i>	<i>F & G Rundschau</i> . Felton & Guillaume Carlswerk, Cologne-Mülheim, Germany.
<i>FIAT Rep.</i>	Department of Commerce, Washington, D. C.
<i>Forsch. u. Techn.</i>	<i>Forschung und Technik</i> .
Frank. Inst.....	Franklin Institute (Philadelphia, Pa.)
G.E.C. J.....	<i>G.E.C. Journal</i> . General Elec. Co., Magnet House, Kingsway, London W.C.2, England.
G.E. Rev.....	<i>General Electric Review</i> , The General Electric Co. (Schenectady, New York, N. Y.).
<i>Ges. Abhandl.</i>	<i>Gesammelte Abhandlungen zur Kenntnis der Kohle</i> (Berlin, Germany).
<i>Heat. Vent. Engr.</i>	<i>Heating and Ventilating Engineer</i> . (Abstracted by Metropolitan Vickers Electrical Co.).
<i>Helios Frachzeitschrift</i>	<i>Helios; Frach- und Export-zeitschrift für Elektrotechnik</i> . (Leipzig, Germany).
<i>Helv. Phys. Acta</i>	<i>Helvetica Physica Acta</i> (Basel, Switzerland).
<i>Hitachi Rev.</i>	<i>Hitachi Review</i> (Japan).
<i>Hochfreq. u. Elektroakustik</i>	<i>Hochfrequenztechnik und Elektroakustik</i> .
<i>I.B.M. J. Res. Developm.</i>	<i>IBM Journal of Research and Development</i> , International Business Machines Corp., 590 Madison Ave., New York 22, N. Y.
IEE.....	Institution of Electrical Engineers (London, England).

IEE Japan.....	(<i>ETJ</i>) Institute of Electrical Engineers of Japan (Tokyo).
<i>Inco Mag.</i>	<i>Inco Magazine</i> , International Nickel Co. (New York, N. Y.).
<i>Industr. Engng. Chem.</i> (Anal. Ed.)....	<i>Industrial and Engineering Chemistry</i> (Analytical Edition) (Washington, D. C.).
<i>Ingegnere</i>	<i>L'Ingegnere</i> (Rome, Italy).
<i>Ingegn. Ferroviaria</i>	<i>Ingegneria Ferroviaria</i> . Rivista del Trasporti. Presso Direzione Generale Delle E. S., Piazza Groce Rossa, Rome, Italy.
<i>Ingen-Vetensk Akad. Handl.</i>	<i>Ingeniorsvetenskapsak Ademien Handlingar</i> (Stockholm, Sweden).
<i>Ingeniøren</i>	<i>Ingeniøren</i> , Dansk Ingeniørforening, 31 Vester Farimagsgade, Copenhagen V. (Denmark).
<i>Inst. Elect. Engrs. Monogr.</i>	<i>Institution of Electrical Engineers Monograph</i> . Institution of Electrical Engineers, Savoy Place, London W.C.2, England.
<i>Inst. Metals</i>	Institute of Metals (London, England).
<i>Inst. Mining Engrs.</i>	<i>Institution of Mining Engineers</i> . Salisbury House (London, England).
<i>Inst. POEE</i>	Institution of Post Office Electrical Engineers Printed Papers (London, England).
<i>Inst. Radio Engrs.</i>	Institute of Radio Engineers, 1 E. 49th St., New York 17, N. Y.
<i>Intern. Comm. Electrochem., Thermo-</i> <i>dynam. & Kinet.</i>	International Committee of Electrochemical Thermodynamics and Kinetics. <i>Chemical Abstracts</i> , Ohio State University, Columbus 10, Ohio.
<i>Iron and Steel Engr.</i>	Association of Iron and Steel Engineers (Pittsburgh, Pa.).
<i>Izv. Akad. Nauk. SSSR Otdel. tech.</i> <i>Nauk</i>	<i>Izvestiya Akademii Nauk SSSR. Otdelenie Tekhnicheskikh Nauk</i> , Cherkasski per 2, Moscow, U.S.S.R.
<i>Izv. AN SSSR Ser. mat.</i>	<i>Izvestiya Akademii SSSR. Seriya Matematicheskaya</i> (Russian). Library of Congress, Washington, D. C.
<i>J.</i>	<i>Journal</i> . (Publisher's name listed separately).
<i>Japan Nickel Rev.</i>	<i>Japan Nickel Review</i> (Tokyo, Japan).
<i>J.A.P.J.</i>	<i>The Journal of Applied Physics of Japan</i> .
<i>Jap. J. Phys.</i>	<i>Japanese Journal of Physics</i> (Tokyo, Japan).
<i>J. App. Mech.</i>	<i>Journal of Applied Mechanics</i> . American Society of Mechanical Engineers, 29 W. 39th St., New York, N. Y.
<i>J. App. Phys.</i>	<i>Journal of Applied Physics</i> , American Institute of Physics (New York, N. Y.).
<i>J. Chem. Phys.</i>	<i>Journal of Chemical Physics</i> . American Institute of Physics, 57 E. 55th St., New York 22, N. Y.
<i>J. Exp. and Theor. Physics</i> (U.S.S.R.)....	<i>Journal of Experimental and Theoretical Physics</i> (U.S.S.R., Moscow).
<i>J.I.E.E.J.</i>	<i>The Journal of the Institute of Electrical Engineers of Japan</i> .
<i>J. Inst. Elec. Engrs.</i>	<i>Journal of the Institution of Electrical Engineers</i> .
<i>J.J.I.M.</i>	<i>The Journal of the Japan Institute of Metals</i> .
<i>J. of ECL, NTT</i>	Japan.
<i>J. Motion Picture & Television Engrs.</i> ...	<i>Journal of the Society of Motion Picture & Television Engineers</i> . <i>Chemical Abstracts</i> , Ohio State University, Columbus 10, Ohio.
<i>J. Optical Soc. of Am.</i>	<i>Journal of the Optical Society of America</i> . American Institute of Physics, 57 E. 55th St., New York 22, N. Y.

<i>J. Phys. Chem.</i>	<i>Journal of Physical Chemistry</i> (Baltimore, Md.).
<i>J. Phys. Radium</i>	<i>Journal de Physique et le Radium</i> . 10 Rue Vauquelin, Paris (V ^e , France).
<i>J. Sci. Inst.</i>	<i>Journal of Scientific Instruments</i> (London, England).
<i>Journ. de phys.</i>	<i>Journal de physique, Le, et Le radium</i> (Paris, France).
<i>Journ. Res. Nat. Bur. Stds.</i>	<i>Journal of Research of the National Bureau of Standards</i> (Washington, D. C.).
<i>Journ., Soc. Telegraph Eng.</i>	<i>Journal of the Society of Telegraph Engineers, Institution of Electrical Engineers</i> (London, England).
<i>Journal of Research</i>	Aeronautical Soc. (Tokyo, Japan).
<i>K. Tekn. Hagsk. Handl.</i>	<i>Kungliga Tekniska Högskolans Handlingar</i> (Transactions of the Royal Institute of Technology), Stockholm, Sweden.
<i>Kobe Steel Works Rev.</i>	<i>Kobe Steel Works Review</i> (Japan).
<i>Kraft o. Ljus</i>	<i>Kraft och Ljus</i> . Ehrenswordsvogen 10, Helsinki, Finland.
<i>Lum. électr.</i>	<i>Lumière électrique, La</i> (Paris, France).
<i>Machine Design</i>	<i>Machine Design</i> . Penton Publishing Co., Ltd., Penton Bldg., Cleveland 13, Ohio.
<i>Machine Shop Magazine</i>	Louis Cassier Co., Ltd., Dorset-House, Stamford St., London, SE 1, England.
<i>Magy. hir. techn.</i>	<i>Magyar Hiradastechnik</i> . Library of Congress, Washington, D. C.
<i>Maintenance Engg.</i>	<i>Maintenance Engineering in Plants, Mills and Factories</i> (New York, N. Y.).
<i>Maschinenb. u. Warmewirtsch.</i>	<i>Maschinenbau und Warmewirtschaft mit Lokomotiv und Fahrzeugbau</i> . Springer-Verlag (Vienna, Austria).
<i>Materials and Methods</i>	<i>Materials & Methods</i> , 33 W. 42nd St., New York 18, N. Y.
<i>Mech. Engng.</i>	<i>Mechanical Engineering</i> . American Society of Mechanical Engineers, 29 W. 39th St., New York 18, N. Y.
<i>Mem. Fac. Sci. Engng. Waseda Univ.</i>	<i>Memoirs of the Faculty of Science and Engineering</i> , Waseda University (Tokyo, Japan).
<i>Mem. Fac. Techn. Tokyo Metrop. Univ.</i>	<i>Memoirs of the Faculty of Technology of Tokyo</i> , Metropolitan University (Tokyo, Japan).
<i>Mem. 52 Riun., A.E.I.</i>	<i>Annuale dell' Associazione Elettrotecnica Italiana</i> . Via S. Paolo 10, Milan, Italy.
<i>Met. Abst.</i>	<i>Metallurgical Abstracts</i> (London, England).
<i>Metallboerfläche</i>	Article reprinted in <i>Entwicklungsber</i> , Siemens & Halske.
<i>Metallforschung</i>	<i>Zeitschrift für das gesamte Gebiet der Metallkunde und Werkstoffprüfung</i> . Riederer-Verlag. Paulinenstr. 37b (Stuttgart W. Ger.).
<i>Metal Progress</i>	<i>Metal Progress</i> (Cleveland, Ohio).
<i>Metals and Alloys</i>	Reinhold Publishing Co. (New York, N. Y.).
<i>Metal Working</i>	<i>Metal Working</i> . <i>Chemical Abstracts</i> , Ohio State University, Columbus 10, Ohio.
<i>Met. Ind.</i>	<i>The Metal Industry</i> (London, England).
<i>Metrop.-Vick. Gaz.</i>	<i>Metropolitan-Vickers Gazette</i> (Manchester, England).
<i>Min. Elec. and Mech. Eng.</i>	<i>Mining Electrical and Mechanical Engineer</i> , Manchester, England.
<i>Mitsubishi Elec. Rev.</i>	<i>Mitsubishi Electric Review</i> (Japan).
<i>M. V. Gazette</i>	<i>Metropolitan-Vickers Gazette</i> (Manchester, England).
<i>Nat. Acad. Sci.</i>	National Academy of Science (Washington, D. C.).
<i>Nature</i>	<i>Nature</i> (London, England).
<i>Naturwissenschaften</i>	<i>Die Naturwissenschaften</i> . Springer-Verlag. Reichpietschufer 20, Berlin-Charlottenburg 2, Germany.
<i>Nuov. cim.</i>	<i>Nuovo cemento, Il</i> (Bologna, Italy).
<i>Ohm</i>	<i>Ohm</i> (Japan).

<i>Onde elect.</i>	<i>L'Onde Electrique</i> Société des Radioélectriciens, 10 Avenue Pierre-Larousse, Malakoff (Seine, France).
<i>Ost. Z. Elekt. Wirtsch (OZE)</i>	<i>Österreichische Zeitschrift für Elektrizitätswirtschaft. Fachverband der Elektrizitätswerke Österreichs.</i> Publisher: Springer-Verlag, Molkerbastei 5, Vienna, I, Austria.
<i>Öst. Z. Telegr.-Teleph.-Funk-Fernsehtech. (OFT)</i>	<i>Oesterreichische Zeitschrift für Telegraphen-, Telephon- und Fernsehtchnik</i> (Vienna, Austria).
<i>PB Reports</i>	<i>Publication Board Reports</i> listed in U. S. Government Research Reports, formerly known as Bibliography of Technical Reports published by Office of Technical Services, Washington, D. C.
<i>Philips Res. Rep.</i>	<i>Philips Research Reports</i> (Eindhoven & London).
<i>Philips Tech. Rev.</i>	<i>Philips Technical Review</i> (Eindhoven, Holland).
<i>Phil. Mag.</i>	<i>London, Edinburgh and Dublin Philosophical Magazine and Journal of Science</i> (London, England).
<i>Phys.-Math. Soc. Japan</i>	<i>Physico-Mathematical Society of Japan</i> (Tokyo).
<i>Phys. Rev.</i>	<i>Physical Review</i> , American Physical Society (New York, N. Y.).
<i>Phys. Soc.</i>	<i>Physical Society</i> (London, England).
<i>Phys. Z.</i>	<i>Physikalische Zeitschrift</i> (Leipzig, Germany).
<i>Phys. Zeit. Sowjetunion.</i>	<i>Physikalische Zeitschrift der Sowjetunion</i> (Kharkov, Russia).
<i>Physica 'Grav.</i>	<i>Physica</i> (Series IVA of <i>Archives Néerlandaises des Sciences Exactes et Naturelles</i>). The Hague, Holland.
<i>Platinum Metals Review.</i>	<i>Johnson, Matthey and Co., Ltd.</i> , Hatton Gardens, London, E. C. 1 (England).
<i>P. O. Engg. Dept. Res. Rep.</i>	<i>Post Office Engineering Dept., Research Reports</i> (London, England).
<i>Pogg. Ann.</i>	<i>Poggendorff's Annalen der Physik</i> (Leipzig, Germany).
<i>Post. off. elect. Engrs. J.</i>	<i>Postoffice Electrical Engineers Journal</i> , Alder House, Aldersgate Street, London, E. C. 1 (England).
<i>Power</i>	<i>Power</i> (New York, N. Y.).
<i>Prace Głównego Instytutu Metallurgii</i>	<i>Prace Głównego Instytutu Metallurgii</i> (Poland).
<i>Proc.</i>	<i>Proceedings</i> (Publisher's name listed separately).
<i>Prod. Engg.</i>	<i>Product Engineering</i> (New York, N. Y.).
<i>Products Finishing</i>	<i>Products Finishing; Cleaning, Plating, Polishing, Finishing</i> (Cincinnati, Ohio).
<i>Przegląd Elektrotech.</i>	<i>Przegląd Elektrotechniczny</i> . Ul. Czackiego 3/5, Warsaw, Poland.
<i>P.T.T.-Bedrijf</i>	<i>P.T.T.-Bedrijf</i> . Hoofdbestuur der Posterijen, Telegrafie en Telefonie, Javastraat 6, The Hague, Holland.
<i>Pwr. Apparatus Syst.</i>	<i>Power Apparatus & Systems</i> . Part III of <i>Transactions of the American Institute of Electrical Engineers</i> , 33 W. 39th St., New York, N. Y.
<i>Pwr. Plant (Engng.)</i>	<i>Power Plant Engineering</i> (Chicago, Ill.).
<i>Quad. Stud. Not.</i>	<i>Quaderni di Studi e Notizie</i> . Società Edison, Giunta Tecnica di Gruppo, Foro Bonaparte 31, Milan, Italy.
<i>R.C. 51 Riun. Ass. Elettrotec. Ital.</i>	<i>Rendiconti Della Riunione Annuale dell' Associazione Elettrotecnica Italiana</i> . Via S. Paolo 10, Milan, Italy.
<i>Rep. Brit. Elect. Res. Assn.</i>	<i>Report of the British Electrical & Allied Industries Research Association</i> (London, England).
<i>Research.</i>	<i>Research (London)</i> , Butterworths Scientific Publications, 436 Strand, London, W.C.2, England.
<i>Research Correspondence</i>	<i>Research Correspondence</i> (England).

- Researches Electrotech. Lab.* (Tokyo) . . . *Researches of the Electrochemical Laboratory Agency of Industrial Science and Technology*, Ministry of International Trade & Industry, 2-chome, Nagato-chv., Chyyoda-ku, Tokyo, Japan.
- Rev. Cienc.* *Revue d'Electricité et de Mécanique*, Alcala 95, bajo (Apartado de correos 743), Madrid, Spain.
- Rev. Elect. Mec.* *Revue de l'Electricité et de Mécanique*. Société Générale de Constructions Electriques et Mécaniques Alstom, 38 Avenue Kléber, Paris (XVI^e), France.
- Rev. Modern Phys.* *Reviews of Modern Physics* (New York, N. Y.).
- Rev. Scientific Instruments* *Review of Scientific Instruments*. American Institute of Physics, 57 E. 55th St., New York 22, N. Y.
- Revue de l'Aluminium* (formerly *Revue de l'Aluminium et des ses Applications*), *Revue de l'Aluminium*, 77 Blvd. Malesherbes, Paris, 8^e (France).
- Reyrolle Rev.* *Reyrolle Review* (reprints) (Durham).
- R.G.E.* (Rev. Gen. Elect.) *Revue Générale de l'Électricité* (Paris, France).
- Ricerca Scientifica* *Ricerca Scientifica* (Rome, Italy).
- Roy. Inst. Techn.* Royal Institute of Technology (Stockholm, Sweden).
- Roy. Soc.* The Royal Society (London, England).
- Roy. Swedish Inst. for Engg. Res.* Royal Swedish Institute for Engineering Research (Stockholm, Sweden).
- R. Sci. Inst.* *Review of Scientific Instruments*, American Institute of Physics (New York, N. Y.).
- Ryojun Coll. Eng. Mem.* *Memoirs of the Ryojun College on Engineering* (Port Arthur, South Manchuria).
- S. African IEE* *Transactions of the South African Institute of Electrical Engineers* (Johannesburg, South Africa).
- Schweiz. Arch. angew. Wiss. Tech.* *Schweizer Archiv für angewandte. Wissenschaft und Technik*. Buchdruckerei Vogt-Schild, Solothurn, Switzerland.
- Schweiz. Bauztg.* *Schweizerische Bauzeitung*, W. Jegher & A. Ostertag, Dianastrasse 5 (Postfach 39), Zürich, Switzerland.
- Schweiz. Elek. Verein* Schweizerischer Elektrotechnischer Verein (Association Suisse des Electriciens) (Zürich, Switzerland).
- Scientia Electrica* *Scientia Electrica*. S. Herzel Verlad, Claridenhof, Gott-hardstrasse 6, Zürich 2, Switzerland.
- Sci. Rep. Res. Insts. Tôhoku Univ.* *Reports of the Research Institute of Electrical Communication of Tôhoku University*. (A section of *Science Reports of the Research of Industries*, Tôhoku University, Sendai, Japan).
- Siemens Austria Tech. Ber.* *Siemens Austria Technische Berichte*. Formerly *Siemens Austria Zeitschrift* (*Siemens, Austria Z.*). Address unchanged.
- Siemens Zeit.* } *Siemens Magazine Engineering Supplement*. Siemens
Siemens Mag. } Bros. and Co. Ltd. (London, England).
- Slaboproudny Obzor* *Slaboproudny Obzor*. Krakavska 8, Prague II, Czechoslovakia.
- Smit. Med.* *Smit Mededelingen*. Willem Smit & Co.'s (Transformatorfabriek, Nijmegen, Holland).
- Soc. Fr. d. Elec.* *Bulletin de la Société Française des Eléctriciens* (Paris, France).
- Soc. Scien. Fennica Comm. Phys.-Math.* *Societas Scientiarum Fennica Commentationes Physico-Mathematicae* (Finland).
- Spectrochimica ACTA* *Spectrochimica ACTA*. The Pergamon Press, 2, 3, and 5, Studio Place, London, SW1, England.

<i>Sprechsaal</i>	<i>Sprechsaal für Keramik</i> , Glas, Email: Fach- und Wirtschaftsblatt für die Silikat-Industrien. Muller und Schmidt, Mauer 2, Coburg 13a, Germany.
<i>Stahl und Eisen</i>	<i>Stahl und Eisen</i> . (Abstracted by <i>Applied Mechanics Review</i> .)
<i>Strowger Tech.</i>	<i>Strowger Technical Journal</i> (Chicago, Ill.).
<i>Sumitomo Elec. Rev.</i>	<i>Sumitomo Electric Review</i> (Japan).
<i>Svarochnoe Proisvadtvo</i>	<i>Svarochnoe Proisvodstvo</i> , Moscow. Organ of Russia (1923-USSR) Ministerstvo tiazhelogo mashinostroeniia, and of Vsesoiuznoe nauchnoe inzhenernotekhnicheskoe obshchestvo svarshchikov.
<i>Svenska Elverksforeningens Handl.</i>	<i>Svenska Elverksforeningens Handlingar</i> . Drottninggatan, 90B, Stockholm, Sweden.
<i>TAPPI</i>	<i>Chemical Abstracts</i> , Ohio State University, Columbus 10, Ohio.
<i>Tech. Mitt. PTT</i> (Bern).....	<i>Technische Mitteilungen PTT</i> . Schweizerische Post-Telegraphen- und Telephonverwaltung, Speichergrasse, 6, Bern, Switzerland.
<i>Tech. Mod.</i>	<i>Technique moderne La</i> (Paris, France).
<i>Tech. Phys. U.S.S.R.</i>	<i>Technical Physics</i> (Leningrad, Russia).
<i>Tech. Rep. Engng. Res. Inst. Kyoto Univ.</i>	Technical Reports of the Engineering Research Institute of Kyoto University, Kyoto, Japan.
<i>Technik</i>	<i>Die Technik</i> , Verlag Technik, Dorotheen Strasse 41, Berlin, N. W. 7 (Germany).
<i>Tekn. Medd. K. Telegr. Styr. Stockholm</i>	<i>Tekniska Meddelanden Fran Kungl.</i> (Telegrafstyrelsen, Stockholm, Sweden).
<i>Tekn. Tidskr.</i>	<i>Teknisk Tidskrift</i> (Stockholm, Sweden).
<i>Tekn. Ukeblad</i>	<i>Tekn. Ukeblad</i> . Norske Ingeniorforening, Kronprinsengate 17, Oslo 9, Norway.
<i>Technol. Rep. Osaka Univ.</i>	<i>Technology Reports of the Osaka University</i> , Faculty of Engineering, Osaka University, Higashinoda, Osaka, Japan.
<i>T.I.E.E.J.</i>	<i>Transactions</i> , Institute Electrical Engineers (Japan).
<i>Trans.</i>	<i>Transactions</i> . (Publisher's name listed separately.)
<i>Trans. Amer. Soc. Mech. Engrs.</i>	<i>Transactions of The American Society of Mechanical Engineers</i> , 29 West 39th St., New York, N. Y.
<i>Trans. Inst. Marine Engrs.</i>	<i>Transactions of the Institute of Marine Engineers</i> , 85, The Minories, London, E. C. 3 (England).
<i>Transmission and Distribution</i>	(formerly <i>Power Equipment</i>), Cleworth Publishing Co., Inc., 1 River Road, Cos Cob, Conn.
<i>Univ. Ill. Engg. Exp. Stat.</i>	University of Illinois Engineering Experimental Station (Urbana, Ill.).
<i>VDE-Fachberichte</i>	Fachberichte des Verbades Deutscher Elektrotechniker (Berlin, Germany).
<i>VDI Zeit.</i>	<i>Zeitschrift des Vereines Deutscher Ingenieure</i> (Berlin Germany).
<i>Verlag der Zeitschrift für Naturforschung.</i>	<i>Zeitschrift für Naturforschung</i> , Johannesweg 11, Tübingen (Germany).
<i>Vestn. Elektroprom.</i>	<i>Vestnik Elektropromyshlennosti</i> (Moscow, U.S.S.R.).
<i>Weld. J.</i>	<i>Welding Journal</i> , 33 W. 39th St., New York 18, N. Y.
<i>Weld. Res.</i>	<i>Welding Research</i> (published with <i>Transactions of the Institute of Welding</i>), British Welding Research Association, 29 Park Crescent, London W1, England.
<i>Welding & Metal Fabrication</i>	<i>Welding & Metal Fabrication</i> , Chemical Abstracts, Ohio State University, Columbus 10, Ohio.

- Werkstoffe und Korrosion*.....(Continuation of *Archiv für Metallkunde*, and *Korrosion und Metallschutz*). Verlag Chemie, GmbH., Hauptstrasse 127, Weinheim, Germany.
- Westinghouse Engineer*.....Westinghouse Electric Corp., Pittsburgh, Pa.
- Wied. Ann.*.....*Wiedemann's Annalen der Physik und Chemie* (Leipzig, Germany).
- Wien Harms, Handbuck der Experimental-Physik.....Edited by W. Wien & F. Harms, Akademische Verlagsgesellschaft M.B.H. (Leipzig, Germany).
- Wiss. Lichen Gess.*.....*Wissenschaft-Lichen Gesellschaft*
- Wiss. Veröff. a.d. Siemens-Werken*
(or *Siemens-Konzern*).....*Wissenschaftliche Veröffentlichungen aus den Siemens-Werken* (same, *Siemens-Konzern*) (Berlin-Siemensstadt, Germany).
- Wiss. Z. Tech. Hochsch, Dresden*.....*Wissenschaftliche Zeitschrift der Technischen Hochschule, Dresden*, Mommsenstrasse 13, I, Dresden, A 27, Germany.
- Yasukawa Elec. Rev.*.....*Yasukawa Electric Review*.
- Z. angew. Phys.*.....*Zeitschrift für angewandte Physik*. Springer-Verlag. Jebenstr. (Berlin-Charlottenburg, Germany).
- Zeits. f. Fernmeldetechnik*.....*Zeitschrift für Fernmeldetechnik* (Munich, Germany).
- Zeits. f. Instrumentenk.*.....*Zeitschrift für Instrumentenkunde* (Berlin, Germany).
- Zeits. f. Metallkunde*.....*Zeitschrift für Metallkunde* (Berlin, Germany).
- Zeits. f. Phys.*.....*Zeitschrift für Physik* (Berlin, Germany).
- Zeits. f. Schwachstr. u. Hochfreq.*.....*Zeitschrift für Schwachstromtechnik und Hochfrequenztechnik* (Munich, Germany).
- Zeits. f. Techn. Phys.*.....*Zeitschrift für Technische Physik* (Leipzig, Berlin, Germany).
- Z. Elektrotech.*.....*Zeitschrift für Elektrotechnik*. Ferdinand Enke Verlag (Stuttgart, Germany).
- Zhurnal Eksperimental No. I.*
I. *Teoreticheskoi Fiziki*.....*Journal of Experimental and Theoretical Physics*.
- Zn. Eksper. Teor. Fiz.*.....*Zhurnal Eksperimentalnoi i Teoreticheskoi Fiziki*. Formerly listed as *J. Exp. Theor. Phys.*, USSR (*Journal of Experimental and Theoretical Physics*).
- Zn. Tekhn. Fiz.*.....*Zhurnal Tekhnicheskoi Fiziki*. Formerly listed as *J. Tech. Phys.*, USSR (*Journal of Technical Physics*).