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ABSTRACTS

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ABBREVIATED TITLES USED IN THE ABSTRACTS

<i>Abbreviated Title.</i>	<i>Journal.</i>
<i>A.S.T.M. Bull.</i>	Bulletin of the American Society for Testing Materials.
<i>Aeroplane</i>	Aeroplane.
<i>Airc. Engng</i>	Aircraft Engineering.
<i>Airc. Prod. Analyst.</i>	Aircraft Production Analyst.
<i>Ann. Min. Belg.</i>	Annales des Mines de Belgique.
<i>Ann. Min. Roumanie</i>	Annales des Mines de Roumanie.
<i>Ann. Off. Combust. liq.</i>	Annales de l'Office National des Combustibles Liquides.
<i>Amer. Dyestuffs Rept.</i>	American Dyestuffs Reporter.
<i>Asph. u. Teer</i>	Asphalt und Teer.
<i>Auto Engr.</i>	Automobile Engineer
<i>Auto. Tech. Z. (Berlin)</i>	Automobiltechnische Zeitschrift (Berlin).
<i>B.P.</i>	British Patent.
<i>Azerb. neft. Khoz.</i>	Azerbaijdzhanskoe Neftyanoe Khozyaistvo.
<i>Beitr. angew. Geophys.</i>	Beitrage angewandte Geophysik.
<i>Beitr. Geophys.</i>	Beitrage zur Geophysik.
<i>Bitumen</i>	Bitumen.
<i>Bol. Geol. y Min. (Caracas)</i>	Boletin de Geologia y Minceria (Caracas).
<i>Bol. Inform. Petroleras (B.A.)</i>	Boletin de Informaciones Petroleras (Buenos Aires).
<i>Boll. Soc. geol. ital.</i>	Boletin de la Societa Geologica Italiana.
<i>Brit. Plastics</i>	British Plastics.
<i>Bull. Acad. Sci. (U.S.S.R. Inst. Seismol.)</i>	Bulletin of the Academy of Sciences (U.S.S.R. Institute of Seismology).
<i>Bull. Amer. Ass. Petrol. Geol.</i>	Bulletin of the American Association of Petroleum Geologists.
<i>Bull. Amer. geol. Soc.</i>	Bulletin of the American Geological Society.
<i>Bull. Ass. fran^c. Tech. Pétrol.</i>	Bulletin de l'Association Fran ^c ais des Techniciens du Pétrole.
<i>Bull. Inst. Min. (metall.) Engrs.</i>	Bulletin of the American Institute of Mining and Metallurgical Engineers.
<i>Bull. Math. Phys. Ec. polyt. Bucharest</i>	Bulletin de Mathematique et de Physique, Bucharest (École-polytechnique).
<i>Bull. roum. geol. Soc.</i>	Bulletin of the Roumanian Geological Society.
<i>Bull. S. Amer. Inst. Pet.</i>	Boletin del Instituto Sudamericano del Petroleo.
<i>Bull. seismol. Soc. Amer.</i>	Bulletin of the Seismological Society of America.
<i>Bull. Univ. Texas (Bur. econ. Geol. Techn.)</i>	Bulletin of the University of Texas (Bureau of Economic Geology and Technology).
<i>Bur. Stand. J. Res., Wash.</i>	United States Bureau of Standards Journal of Research, Washington.
<i>Calif. Oil World</i>	California Oil World.
<i>Canad. J. Res.</i>	Canadian Journal of Research.
<i>Canad. Min. J.</i>	Canadian Mining Journal.
<i>Canad. Min. metall. Bull.</i>	Bulletin of the Canadian Institute of Mining and Metallurgy.
<i>Chem. & Ind.</i>	Chemistry and Industry.
<i>Chem. Ind.</i>	Chemical Industries.
<i>Chem. Met. Engng.</i>	Chemical and Metallurgical Engineering.
<i>Chem. Rev.</i>	Chemical Reviews.
<i>Chem. Tr. J.</i>	Chemical Trade Journal.
<i>Chem. Wkbl.</i>	Chemische Weekblad.
<i>Chim. e Industria</i>	La Chimica e l'Industria.
<i>Chim. et Ind.</i>	Chimie et Industrie.
<i>C.R. Acad. Sci. (Paris)</i>	Comptes Rendus hebdomadaires des Seances de l'Academie des Sciences (Paris).
<i>C.R. Geol. Pétr. (Strasbourg)</i>	Compte-Rendu des Seances du Groupe des Geologues Pétroliers de Strasbourg.
<i>Diesel Eng. Us. Ass.</i>	Diesel Engine Users Association.
<i>Diesel Pwr. Diesel Transportation</i>	Diesel Power and Diesel Transportation.
<i>Direccion Minas y Geol.</i>	Publication of Direccion Minas y Geologicas (Argentine).
<i>Econ. Geol.</i>	Economic Geology.
<i>Engineer</i>	Engineer.
<i>Engineering</i>	Engineering.

*Abbreviated Title.**Journal.*

<i>Flight</i>	.	<i>Flight.</i>
<i>Fuel</i>	.	<i>Fuel in Science and Practice.</i>
<i>Fuel Oil & Oil Heat</i>	.	<i>Fuel Oil and Oil Heat.</i>
<i>Gas Oil Pwr.</i>	.	<i>Gas and Oil Power.</i>
<i>Geol. Mag. (Lond.)</i>	.	<i>Geological Magazine (London).</i>
<i>Geophys.</i>	.	<i>Geophysics.</i>
<i>Glückauf</i>	.	<i>Glückauf.</i>
<i>Groz. Neft.</i>	.	<i>Groznenskii Neftyanik.</i>
<i>India Rubber World</i>	.	<i>India Rubber World.</i>
<i>Industr. Chem.</i>	.	<i>Industrial Chemist.</i>
<i>Industr. Engng Chem.</i>	.	<i>Industrial and Engineering Chemistry.</i>
<i>Industr. Engng Chem. Anal.</i>	.	<i>Industrial and Engineering Chemistry, Analytical Edition.</i>
<i>Industr. Pwr & Fuel Econ.</i>	.	<i>Industrial Power and The Fuel Economist.</i>
<i>Ingenieur</i>	.	<i>De Ingenieur.</i>
<i>Instruments</i>	.	<i>Instruments.</i>
<i>J. Aero. Sci.</i>	.	<i>Journal of Aeronautical Sciences.</i>
<i>J. Amer. chem. Soc.</i>	.	<i>Journal of the American Chemical Society.</i>
<i>J. appl. Chem. (U.S.S.R.)</i>	.	<i>Journal of Applied Chemistry, U.S.S.R.</i>
<i>J. appl. Mech.</i>	.	<i>Journal of Applied Mechanics.</i>
<i>J. appl. Phys.</i>	.	<i>Journal of Applied Physics.</i>
<i>J. chem., metall. min. Soc. S. Africa</i>	.	<i>Journal of the Chemical, Metallurgical and Mining Society of South Africa.</i>
<i>J. Chem. Phys.</i>	.	<i>Journal of Chemical Physics.</i>
<i>J. chem. Soc.</i>	.	<i>Journal of the Chemical Society.</i>
<i>J. Econ. Ent.</i>	.	<i>Journal of Economic Entomology.</i>
<i>J. Geol.</i>	.	<i>Journal of Geology.</i>
<i>J. Inst. Fuel</i>	.	<i>Journal of the Institute of Fuel.</i>
<i>J. Instn. auto. Engrs</i>	.	<i>Journal of the Institution of Automobile Engineers.</i>
<i>J. Inst. Metals</i>	.	<i>Journal of the Institute of Metals.</i>
<i>J. Inst. Petrol.</i>	.	<i>Journal of the Institute of Petroleum.</i>
<i>J. Oil Col. Chem. Assoc.</i>	.	<i>Journal of the Oil & Colour Chemists.</i>
<i>J. org. Chem.</i>	.	<i>Journal of Organic Chemistry.</i>
<i>J. phys. Chem.</i>	.	<i>Journal of Physical Chemistry.</i>
<i>J. R. aero. Soc.</i>	.	<i>Journal of the Royal Aeronautical Society.</i>
<i>J. Roy. Soc. Arts</i>	.	<i>Journal of the Royal Society of Arts.</i>
<i>J. Soc. aut. Engrs</i>	.	<i>Journal of the Society of Automotive Engineers.</i>
<i>J. Soc. chem. Ind.</i>	.	<i>Journal of the Society of Chemical Industry.</i>
<i>J. Soc. Dyers Colourists</i>	.	<i>Journal of the Society of Dyers and Colourists.</i>
<i>Khim. Tverd. Topliva</i>	.	<i>Khimiya Tverdovo Topliva.</i>
<i>Matières grasses</i>	.	<i>Matières Grasses.</i>
<i>Min. & Metall.</i>	.	<i>Mining and Metallurgy.</i>
<i>Min. Mag. (Lond.)</i>	.	<i>Mining Magazine (London).</i>
<i>Mod. Plastics</i>	.	<i>Modern Plastics.</i>
<i>Monit. Petr. roum.</i>	.	<i>Moniteur du Pétrole Roumain.</i>
<i>Montan. Rdsch.</i>	.	<i>Montanistische Rundschau.</i>
<i>Motor Ship</i>	.	<i>Motor Ship.</i>
<i>N.G.A.A.</i>	.	<i>Natural Gasoline Association of America.</i>
<i>Nat. Petrol. News</i>	.	<i>National Petroleum News.</i>
<i>Nat. Petrol. News, Tech. Sect.</i>	.	<i>National Petroleum News, Technical Section.</i>
<i>Nature</i>	.	<i>Nature.</i>
<i>Neft. Khoz.</i>	.	<i>Neftyanoe Khozyaistvo.</i>
<i>Nickel Ind.</i>	.	<i>Nickel Industry.</i>
<i>Nov. Neft.</i>	.	<i>Novosti Nefteprorabotki.</i>
<i>Nov. Tekhn. Bur.</i>	.	<i>Novosti Tekhniki Burenija.</i>
<i>Nov. Tekhn. Neft.</i>	.	<i>Novosti Tekhniki Neftedobvicki.</i>
<i>Oel u. Kohle</i>	.	<i>Oel und Kohle vereinigt mit Erdöl und Teer.</i>
<i>Oil Engine</i>	.	<i>Oil Engine.</i>
<i>Oil Gas J.</i>	.	<i>Oil and Gas Journal.</i>
<i>Oil Wkly</i>	.	<i>Oil Weekly.</i>
<i>Ole, Fette, Wachse</i>	.	<i>Ole, Fette, Wachse, Seife, Kosmetik.</i>
<i>Olii min.</i>	.	<i>Olii Minerali.</i>
<i>Paint Mnfr.</i>	.	<i>Paint Manufacture.</i>
<i>Paint Technol.</i>	.	<i>Paint Technology.</i>
<i>Petroleum</i>	.	<i>Petroleum.</i>
<i>Petrol. Engr</i>	.	<i>Petroluem Engineer.</i>

<i>Abbreviated Title.</i>	<i>Journal.</i>
Petrol. Press Service	Petroleum Press Service.
Petrol. Tech. (A.I.M.M.E.)	Petroleum Technology (American Institute of Mining and Metallurgical Engineers).
Petrol. Times	Petroleum Times.
Petrol. World	Petroleum World.
Phil. Mag.	Philosophical Magazine.
Physics	Physics.
Pipe Line News	Pipe Line News.
Proc. Amer. Petrol. Inst.	Proceedings of the American Petroleum Institute.
Proc. Amer. Soc. Test. Mater.	Proceedings of the American Society for Testing Materials.
Proc. Ass. Asph. Pav. Technol.	Proceedings of the Association of Asphalt Paving Technologists.
Proc. Instn mech. Engrs	Proceedings of the Institution of Mechanical Engineers.
Proc. phys. Soc. (Lond.)	Proceedings of the Physical Society (London).
Proc. roy. Soc.	Proceedings of the Royal Society.
Producers' Monthly	Producers' Monthly.
Przeg. Chem.	Przeglad Chemiczny.
Przem. Naft.	Przemysl Naftowy.
Public Roads	Public Roads.
Quart. J. geol. Soc. Lond.	Quarterly Journal of the Geological Society of London.
Rds & Rd Constr.	Roads and Road Construction.
Rds and Streets	Roads and Streets.
Rec. Trav. chim. Pays-Bas	Receuil des Travaux Chimiques des Pays-Bas.
Refiner	Petroleum Refiner.
Rev. Comb. liq.	Revue des Combustibles Liquides.
Rev. Mod. Phys.	Review of Modern Physics.
Rev. sci. Instrum.	Review of Scientific Instruments.
Riv. ital. Petrol.	La Rivista Italiana del Petrolo.
S. Afr. Min. (Engng) J.	South African Mining and Engineering Journal.
Soap	Soap.
Strade	Strade.
Sulz. tech. Rev.	Sulzer Technical Review.
Summ. Ops. Calif. Oil Flds	Summary of Operations, Californian Oil Fields.
Tech. Phys. U.S.S.R.	Technical Physics of the U.S.S.R.
Tekn. Tidskr.	Teknisk Tidskrift.
Terr. Magn.	Terrestrial Magnetism.
Times Trade & Engr.	Times Trade & Engineering Supplement.
Trans. Amer. Inst. Min. & Metall.	Transactions of the American Institute of Mining and Metallurgy.
Trans. Amer. geophys. Un.	Transactions of the American Geophysical Union.
Trans. Amer. Inst. chem. Eng.	Transactions of the American Institute of Chemical Engineers.
Trans. Amer. Soc. mech. Engr.	Transactions of the American Society of Mechanical Engineers.
Trans. Faraday Soc.	Transactions of the Faraday Society.
Trans. Inst. mar. Engrs	Transactions of the Institute of Marine Engineers.
Trans. Instn min. Engrs	Transactions of the Institution of Mining Engineers.
U.S. Bur. Mines, Inf. Circ.	United States Bureau of Mines, Information Circular.
U.S. Bur. Mines, Rep. Invest.	United States Bureau of Mines, Report of Investigations.
U.S. Bur. Mines, Tech. Paper	United States Bureau of Mines, Technical Paper.
U.S. Geol. Surv. Bull.	United States Geological Survey Bulletin.
U.S.P.	United States Patent.
World Petrol.	World Petroleum.
Z. dtsch. geol. Ges.	Zeitschrift der Deutschen Geologischen Gesellschaft.
Z. Geophys.	Zeitschrift für Geophysik.
Z. prakt. Geol.	Zeitschrift zur Praktische Geologie.
Z. ver. dtsch. Chem.	Zeitschrift Vereins deutscher Chemiker.

(Certain periodicals listed above have not been available during 1946.)

