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Biblioteca
Departamento de Servicio al Público
Sala de Investigaciones y Servicios Virtuales

Guía sobre recursos para los Exámenes de Reválida



Mayo 2014

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Marzo 2014

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Tabla de Contenido

¿Cómo usar esta guía?	4
ARE Exam	5
L.A.R.E. Exam	6
NCIDQ Exam	7
FS Exam	8
FE Exam	10
PE Exam	15-31
Ingeniería Ambiental	15
Ingeniería Civil	17
Ingeniería Eléctrica y de Computadoras	24
Ingeniería Industrial	26
Ingeniería Mecánica	26
Ingeniería Química	29

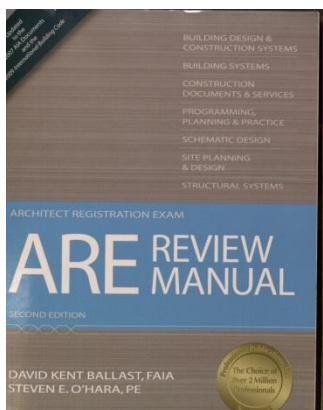
¿Cómo usar esta guía?

Esta guía presenta recursos relacionados a los exámenes de reválida o exámenes exigidos para obtener una licencia profesional que están disponibles en la Biblioteca de la Universidad Politécnica. Entre estos hay manuales de referencia, repasos y ejercicios, ubicados tanto en el área de Circulación (Primer Piso), en la Sala de Investigaciones (Segundo Piso), como en las [Bases de Datos de la Biblioteca](#) (en línea). La guía se divide en las siguientes partes: ARE Exam, LARE Exam, NCIDQ Exam, FS Exam, FE Exam y PE Exam y trata de abarcar las disciplinas que se ofrecen en la Institución como arquitectura, arquitectura paisajista, agrimensura, ingeniería industrial, ingeniería química, ingeniería mecánica, ingeniería eléctrica, ingeniería de computadoras, ingeniería ambiental e ingeniería civil. Luego de cada sección encontrarás una breve descripción sobre el examen, obtenida de páginas oficiales de las acreditadoras, y los recursos relacionados con ese examen o reválida en orden alfabético por nombre de autor, seguido de la clasificación y el área en la cual podrás encontrar el recurso. Si tienes duda de cómo usar esta guía o sobre alguno de los recursos, puedes escribir a referencistas@pupr.edu o llamar al 787-622-8000 x444.

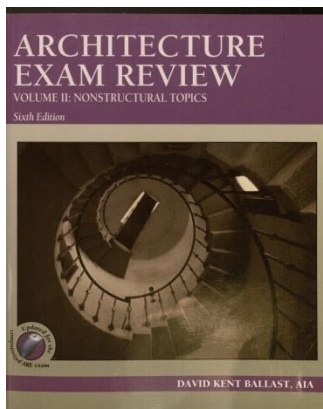
ARE Exam (Architect Registration Examination)

“The Architect Registration Examination® (ARE®) assesses candidates for their knowledge, skills, and ability to provide the various services required in the practice of architecture. The ARE has been adopted for use by all 54 U.S. Member Boards and the Canadian provincial and territorial architectural associations as a registration examination required for architectural registration.”

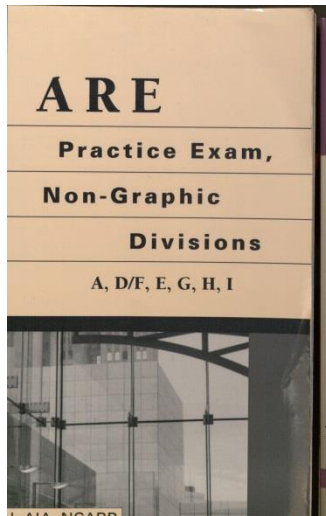
Source: <http://www.ncarb.org/are.aspx>



Ballast, David K. (2011). *ARE review manual : Architect Registration Exam*, 2nd ed. Belmont, CA: Professional Publications, Inc.
(REF NA123 .B38 2011) Sala de Investigaciones.



O'Hara, Steven. (2005). *Architecture exam review*, 6th ed. Belmont, CA : Professional Publications.
(REF NA123 .B35 2005 V.1) Sala de Investigaciones.

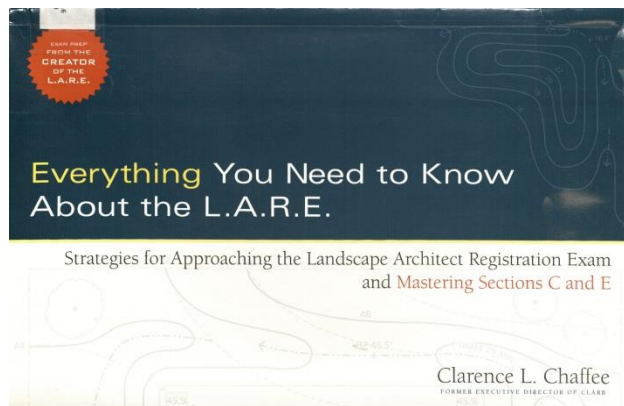


Paul, Larry. (1996). *ARE practice exam, non-graphic divisions: A, D/F, E, G, H, I*. Belmont, CA: Professional Publications.
(REF NA123 .P38 1996) Sala de Investigaciones.

L.A.R.E (Landscape Architect Registration Exam)

“The Landscape Architect Registration Examination (L.A.R.E.) is a four-part fully computerized examination designed to determine whether applicants for landscape architectural licensure possess sufficient knowledge, skills and abilities to provide landscape architectural services without endangering the health, safety and welfare of the public. It is prepared and scored by CLARB in accordance with all current standards for fairness and quality of licensure exams.”

Source: <https://www.clarb.org/Candidates/Pages/examoverview.aspx>



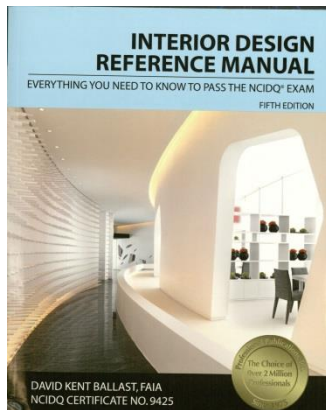
Chaffee, Clarence. (2008). *Everything you need to know about the L.A.R.E.: strategies for approaching the Landscape Architect Registration Exam and mastering sections C and E*. Hoboken, N.J.: J. Wiley & Sons.

(REF SB469.6 .C53 2008) Sala de Investigaciones.

NCIDQ Exam

“NCIDQ continually updates the examination to be sure it closely aligns with expanding professional knowledge interior designers must have. Although interior designers must possess a wide range of knowledge, the NCIDQ Examination only tests aspects of the practice of interior design that affect the public health, life safety and welfare.”

Source: <http://www.ncidq.org/exam.aspx>



Ballast, David Kent. (2010). *Interior design reference manual: Everything You Need to Know to Pass the NCIDQ Exam*, 5th ed. Belmont, CA : Professional Publications.

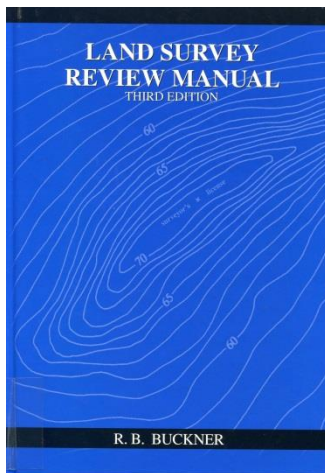
(REF NK2116.5 .B35 2010) Sala de Investigaciones.

FS Exam (Fundamental of Surveying)

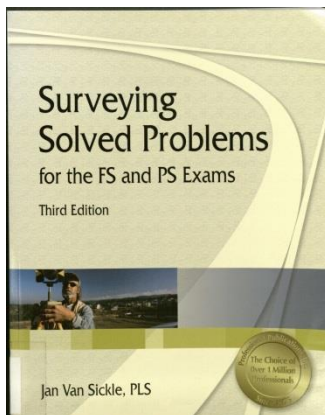
“The FS exam is typically the first step in the process of becoming a licensed professional surveyor. It is designed for undergraduates who are close to finishing an undergraduate degree. The exam lasts 8 hours and is administered in April and October.

The FS exam contains 170 multiple-choice questions and is split into morning and afternoon sessions.”

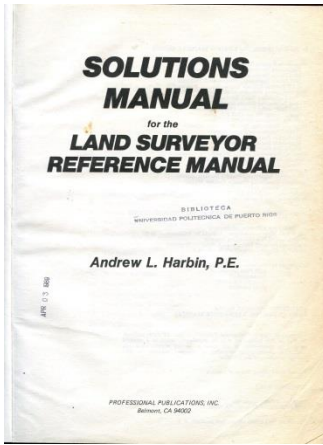
Source: <http://ncees.org/exams/fs-exam/>



Buckner, R. B. (2000). *Land survey review manual*, 3rd ed. Chelsea, MI: Ann Arbor Press.
(REF TA545 .B924 2000) Sala de Investigaciones.

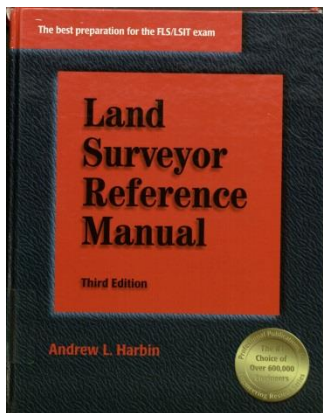


Cole, George M. (2009). *Surveyor reference manual*, 5th ed. Belmont, Calif.: Professional Publications.
(REF TA551 .H37 2009) Sala de Investigaciones.



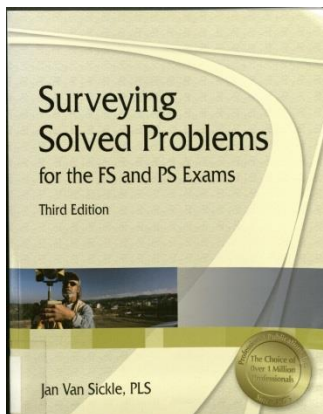
Harbin, Andrew L. (1985). *Solution Manual for the Land surveyor reference manual*. Belmont, CA: Professional Publications.

(TA551 .H37 SOLUTION) Circulación.



Harbin, Andrew. (2001). *Land Surveyor reference manual, 3rd ed.* Belmont, CA: Professional Publications.

(REF TA551 .H37 2001) Sala de Investigaciones.



Van Sickle, Jan. (2008). *Surveying solved problems for the FS and PS exams, 3rd ed.* Belmont, CA: Professional Publications, Inc.

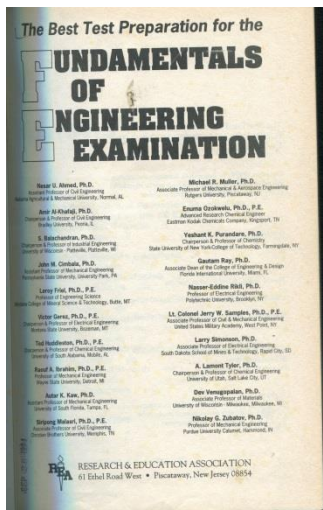
(REF TA537 .V36 2008) Sala de Investigaciones.

FE Exam (Fundamental of Engineering Exam)

“The FE exam is typically the first step in the process leading to the P.E. license. It is designed for students who are close to finishing an undergraduate engineering degree. The exam lasts 8 hours and is administered in April and October. The FE exam contains 180 multiple-choice questions and is split into a morning session (120 questions) and an afternoon session (60 questions).

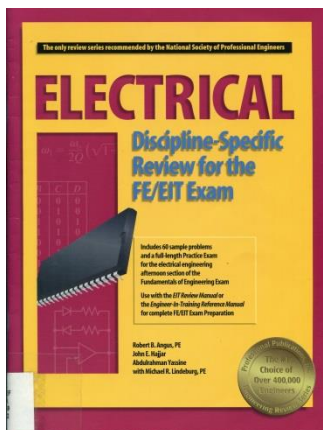
The morning session is the same for everyone. For the afternoon session, you will be asked during registration to select the module (options are listed below) that best corresponds to your undergraduate degree.”

Source: <http://ncees.org/exams/fe-exam/>



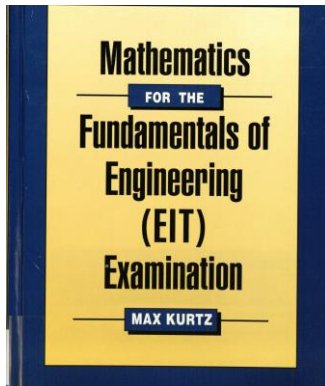
Ahmed, Nesar. (1991). *The Best test preparation for the fundamentals of Engineering Examination*. Piscataway, NJ : REA.

(REF TA159 .B4) Sala de Investigaciones.

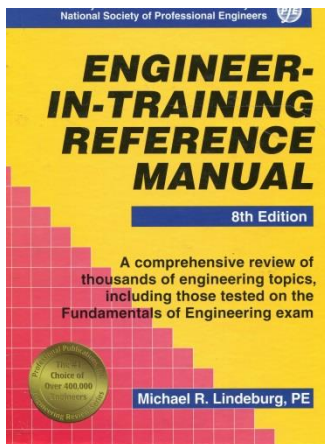


Angus, Robert, Brownell. (1997). *Electrical: discipline-specific review for the FE / EIT exam*. Belmont, CA.: Professional Publications.

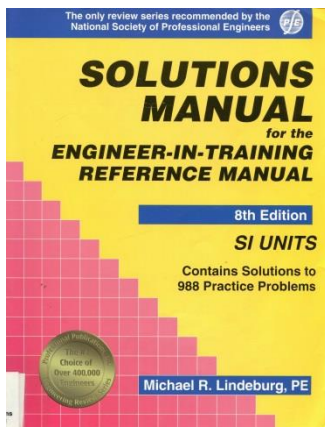
(REF TA159 .A2) Sala de Investigaciones.



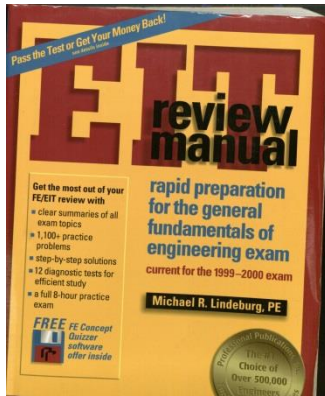
Krutz, Max. (1997). *Mathematics for the fundamentals of engineering (EIT) examination*. New York: McGraw-Hill.
(REF TA159 .K78) Sala de Investigaciones.



Lindeburg, Michael R. (1996). *Engineer in Training Reference Manual*, 8th ed. Belmont, CA: Professional Publications.
(REF TA159 .L56 1996) Sala de Investigaciones.

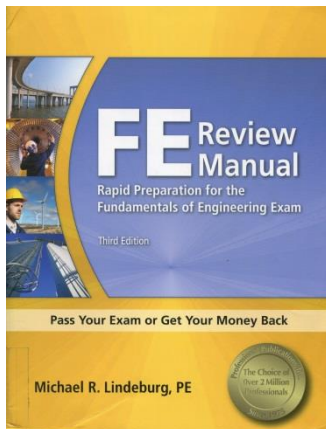


Lindeburg, Michael R. (1996). *Solution Manual for the Engineer in Training Reference Manual*, 8th ed. Belmont, CA: Professional Publications.
(REF TA159 .L56 1996 SOLUTIONS MANUAL) Sala de Investigaciones.



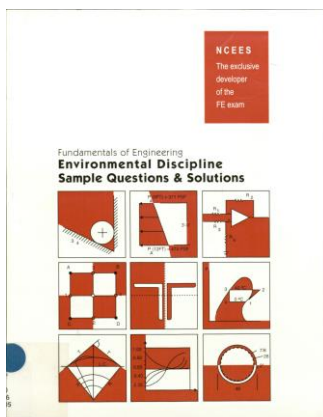
Lindeburg, Michael R. (1999). *EIT review manual : rapid preparation for the general fundamentals of engineering exam, current for the 1999-2000 exam*. Belmont, CA: Professional Publications.

(TA159 .L55 1999) Circulación.



Lindeburg, Michael R. (2011). *FE review manual : rapid preparation for the fundamentals of engineering exam, 3rd ed.* Belmont, Calif. : Professional Publications.

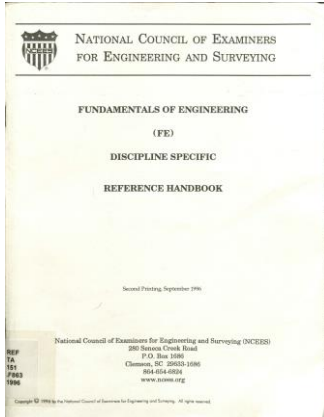
(REF TA159 .L55 2011) Sala de Investigaciones.



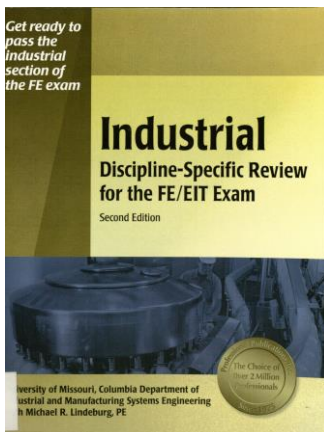
National Council of Examiners for Engineering and Surveying. (2005). *Fundamentals of engineering. Environmental discipline, sample questions & solutions*. Clemson, SC: NCEES.

(REF TA170 .F86 2005) Sala de Investigaciones.

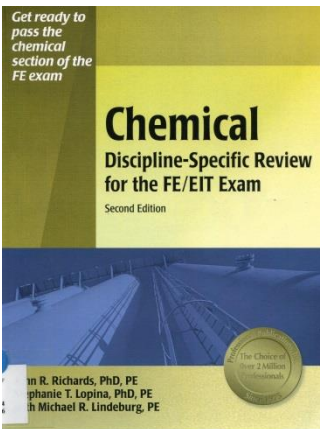
(REF TA170 .F86 2005 CD ROM) Sala de Investigaciones.



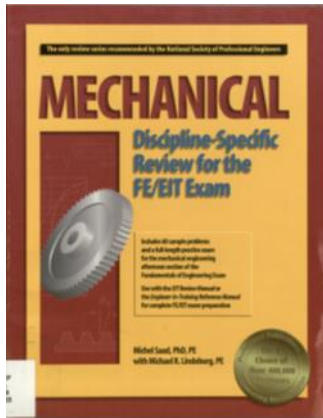
National Council of Examiners for Engineering and Surveying. (1996). *Fundamentals of engineering (FE) discipline specific reference handbook*. Clemson, SC: The Council.
(REF TA151 .F863 1996) Sala de Investigaciones.



Noble, James. (2007). *Industrial discipline-specific review for the FE/EIT exam, 2nd ed.* Belmont, CA: Professional Publications.
(REF TA159 .I48) Sala de Investigaciones.



Richards, John R. (2006). *Chemical discipline-specific review for the FE/EIT exam, 2nd ed.* Belmont, Calif.: Professional Publications.
(REF TP168 .R54 2006) Sala de Investigaciones.



Saad, Michael R. (1997). *Mechanical: discipline-specific review for the FE / EIT exam*. Belmont, CA.: Professional Publications. **(REF TA159 .S23) Sala de Investigaciones.**

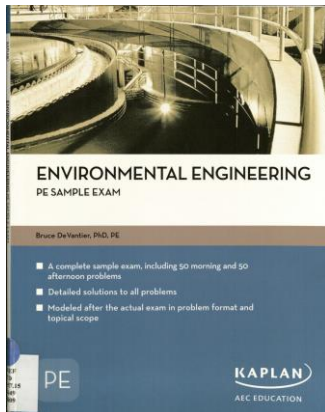
PE Exam (Professional Engineer Exam)

“The PE exam tests your ability to practice competently in a particular engineering discipline. It is designed for engineers who have gained at least four years’ post-college work experience in their chosen engineering discipline. The PE exam is typically the last step in the process of becoming a licensed P.E.

Each PE exam lasts 8 hours and is split into a morning and an afternoon session.”

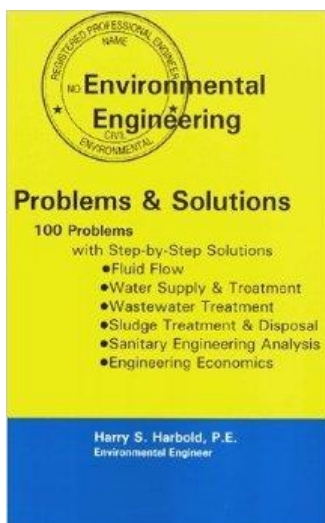
Source: <http://ncees.org/exams/pe-exam/>

Ingeniería Ambiental



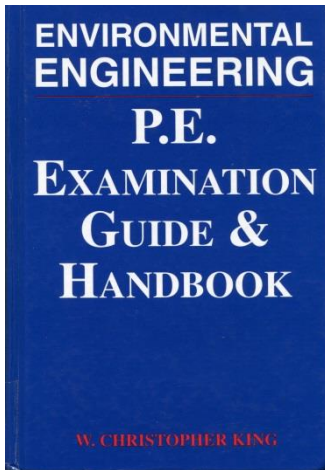
DeVantier, Bruce. (2009). *Environmental engineering: PE sample exam*. Chicago, IL: Kaplan AEC Education.

(REF TD157.15 .D49 2009) Sala de Investigaciones.



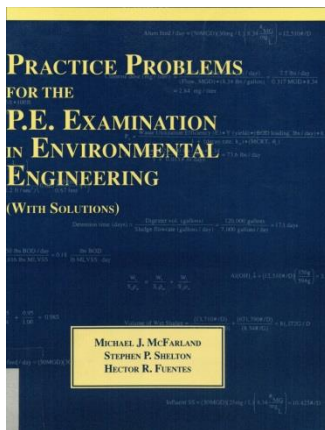
Harbold, Harry S. (1995). *Environmental Engineering Problems and Solutions*. Texas: Engineering Press.

(REF TD157 .H37) Sala de Investigaciones.



King, W. Christopher. (1996). *Environmental engineering P.E. examination guide and handbook*. Annapolis, MD: American Academy of Environmental Engineers.

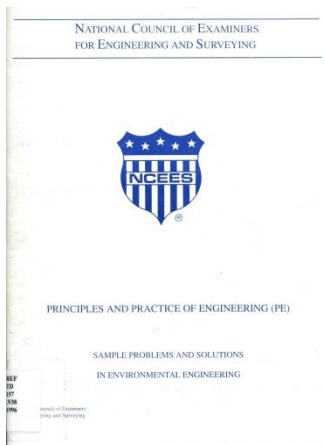
(REF TD157.15 .E54) Sala de Investigaciones.



McFarland, Michael J. (1996). *Practice problems for the P.E. examination in environmental engineering (with solutions)*.

Annapolis, MD: American Academy of Environmental Engineers.

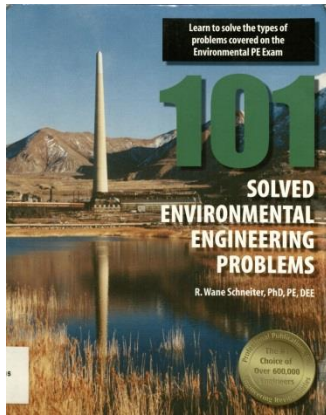
(REF TD157.15 .M34) Sala de Investigaciones.



National Council of Examiners for Engineering and Surveying.

(1996). *Principles and Practice of Engineering (PE): Sample problems and solutions in Environmental Engineering*. Clemson, SC: National Council of Examiners for Engineering and Surveying.

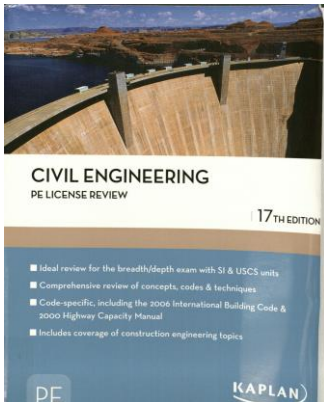
(REF TD157 .N38 1996) Sala de Investigaciones.



Schneider, R. Wane. (2001). *101 solved environmental engineering problems*. Belmont, CA.: Professional Publications Inc.

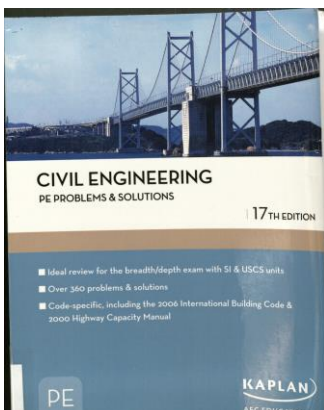
(REF TD157.15 .S36 2001) Sala de Investigaciones.

Ingeniería Civil



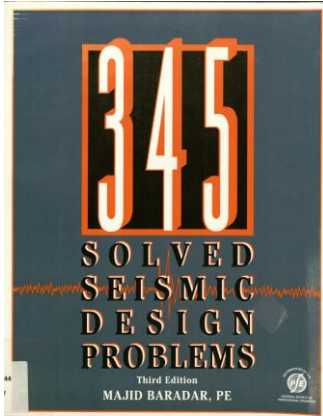
Banks, James H. (2008). *Civil Engineering PE License Review*, 17th ed. Chicago: Kaplan AEC Education.

(REF TA159 .B3 2008) Sala de Investigaciones.

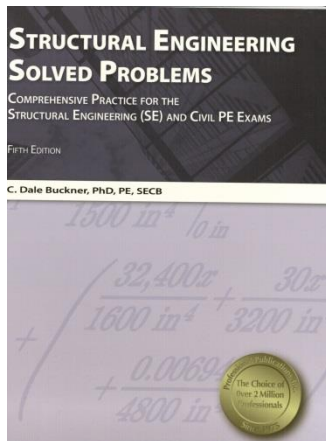


Banks, James H. (2008). *Civil Engineering PE Problems & Solutions*, 17th ed. Chicago: Kaplan AEC Education.

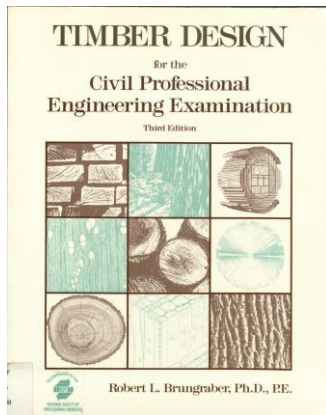
(REF TA159 .C57 2008) Sala de Investigaciones.



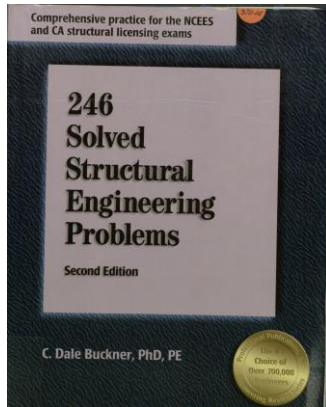
Baradar, Majid. (1997). *345 solved seismic design problems*, 3rd ed. Belmont, CA.: Professional Publications.
(TA658.44 .B37 1997) Circulación.



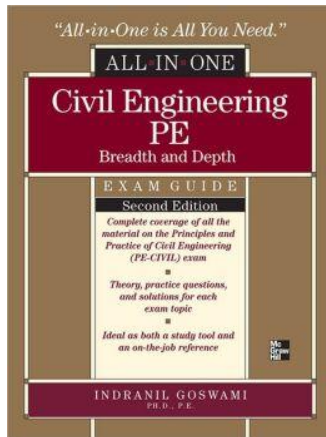
Buckner, Dale C. (2012). *Structural Engineering Solved Problems: Comprehensive Practice for the Structural Engineering (SE) and Civil PE Exams*, 5th ed. Belmont, CA: Professional Publications.
(REF TA640.4 .B83 2012) Sala de Investigaciones.



Brungraber, Robert L. (1990). *Timber design for the civil professional engineering examination*, 3rd ed. Belmont, CA: Professional Publications.
(REF TA666 .B7 1990) Sala de Investigaciones.



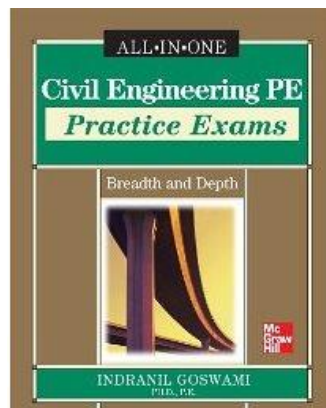
Buckner, C. Dale. (2002). *246 solved structural engineering problems*, 2nd ed. Belmont, CA: Profesional Publications.
(REF TA640.4 .B83 2002) Sala de Investigaciones.



Goswami, Indranil. (2012). *Civil Engineering All-In-One PE Exam Guide: Breadth and Depth*. New York: McGraw-Hill.

Base de Datos de la Biblioteca: McGraw-Hill's Access Engineering Library

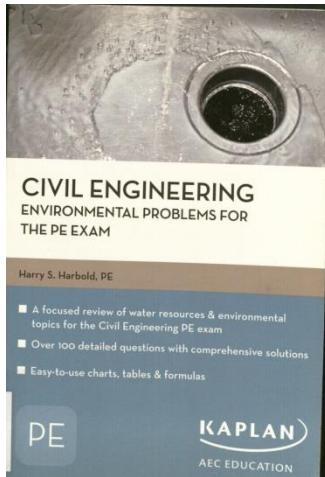
<http://accessengineeringlibrary.com/browse/civil-engineering-all-in-one-pe-exam-guide-breadth-and-depth-second-edition#fullDetails>



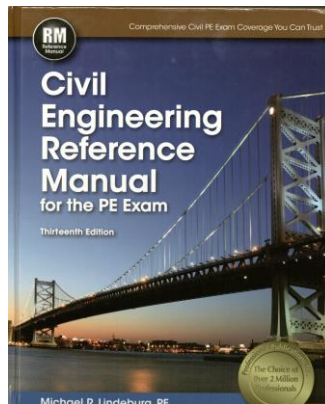
Goswami, Indranil. (2012). *Civil Engineering PE Practice Exams: Breadth and Depth*. New York: McGraw-Hill.

Base de Datos de la Biblioteca: McGraw-Hill's Access Engineering Library

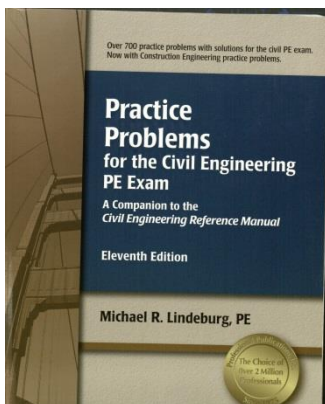
<http://accessengineeringlibrary.com/browse/civil-engineering-pe-practice-exams-breadth-and-depth>



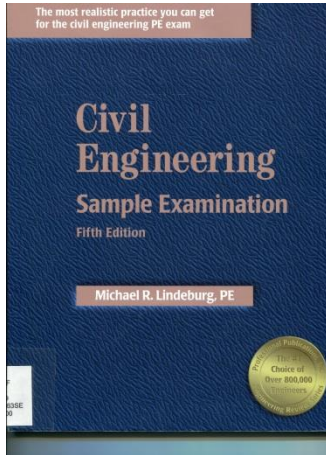
Harbold, Harry S. (2008). *Civil Engineering Environmental Problems for the PE Exam*. Chicago: Kaplan AEC Education.
(REF TA159 .H37 2008) Sala de Investigaciones.



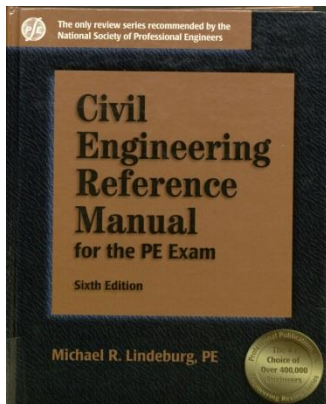
Lindeburg, Michael R. (2012). *Civil engineering reference manual for the PE Exam*, 13th ed. Belmont, Calif.: Professional Publications.
(REF TA159 .L53 2012) Sala de Investigaciones.



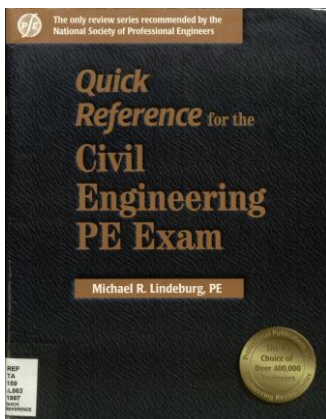
Lindeburg, Michael R. (2008). *Practice Problems for the Civil Engineering PE Exam: A Companion to the Civil Engineering Reference Manual*, 11th ed. Belmont, Calif.: Professional Publications.
(REF TA159 .L578 2008) Sala de Investigaciones.



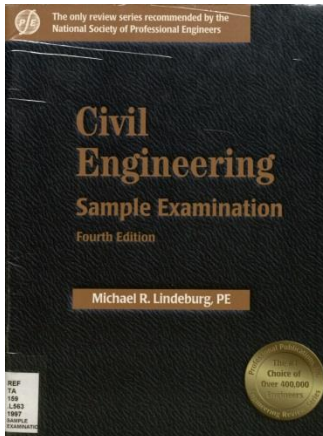
Lindeburg, Michael R. (2000). *Civil engineering: sample examination*, 5th ed. Belmont, CA: Professional Publications.
(REF TA159 .L563SE 2000) Sala de Investigaciones.



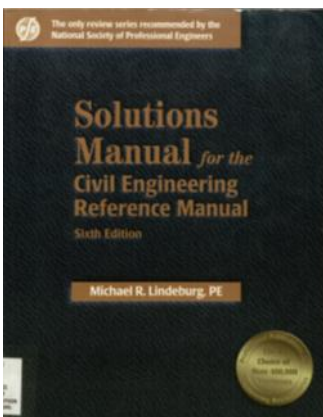
Lindeburg, Michael R. (1997). *Civil Engineering Reference Manual for the PE Exam*, 6th ed. Belmont, CA: Professional Publications.
(REF TA159 .L563 1997 MANUAL) Sala de Investigaciones.



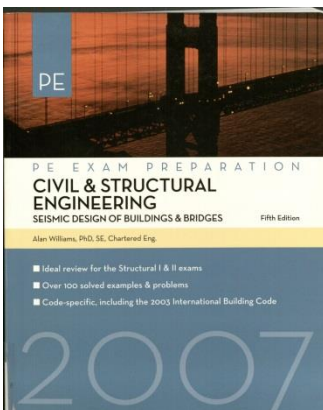
Lindeburg, Michael R. (1997). *Civil engineering reference manual*, 6th ed. Belmont, CA: Professional Publications.
(REF TA159 .L563 1997 QUICK REFERENCE) Sala de Investigaciones.



Lindeburg, Michael R. (1997). *Civil engineering reference manual*, 6th ed. Belmont, CA.: Professional Publications.
(REF TA159 .L563 1997 SAMPLE EXAMINATION) Sala de Investigaciones.

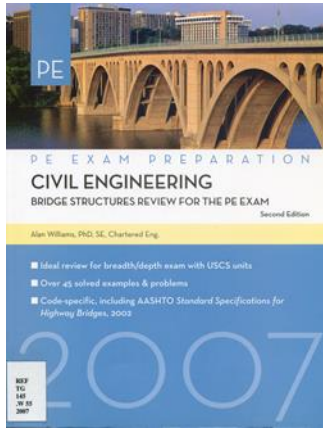


Lindeburg, Michael R. (1997). *Civil engineering reference manual*, 6th ed. Belmont, CA.: Professional Publications.
(REF TA159 .L563 1997 SOLUTIONS MANUAL) Sala de Investigaciones.

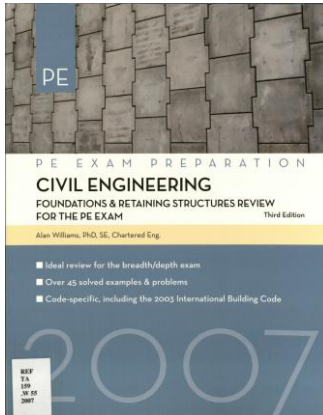


Williams, Alan. (2007). *Civil & Structural Engineering Seismic Design of Buildings & Bridges*, 5th ed. Chicago: Kaplan AEC Education.

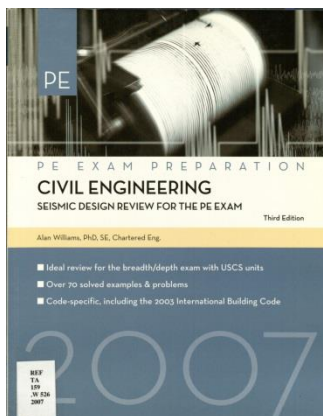
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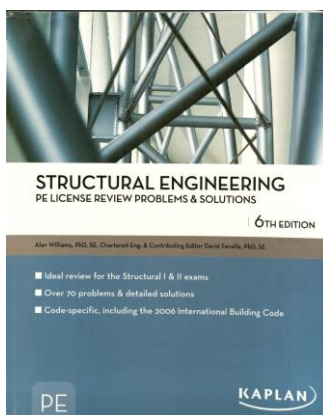
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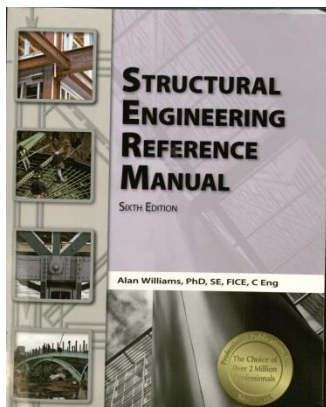
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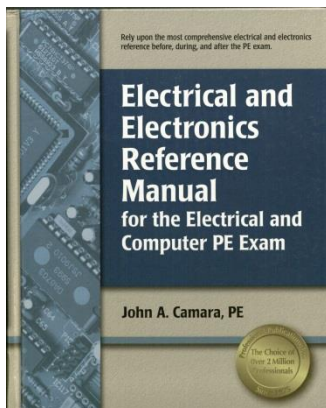


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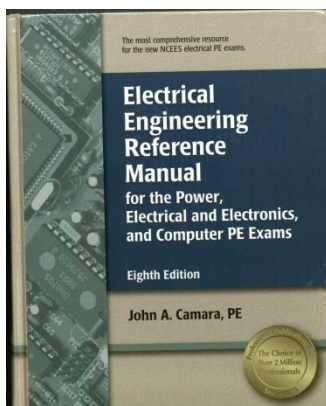


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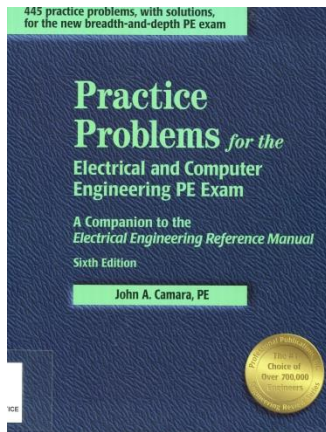
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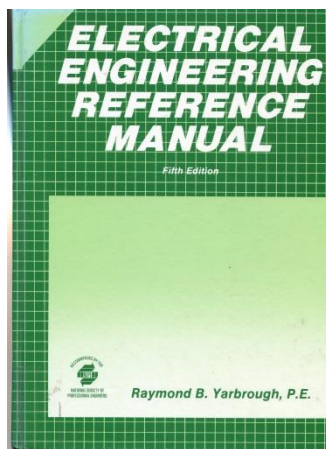


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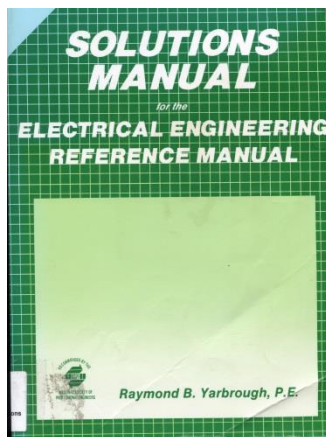
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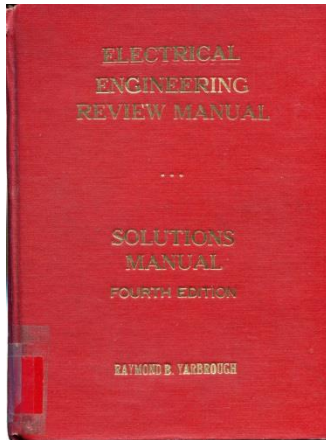


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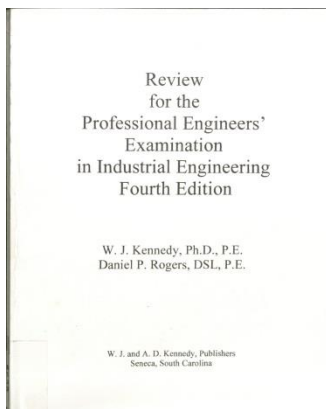
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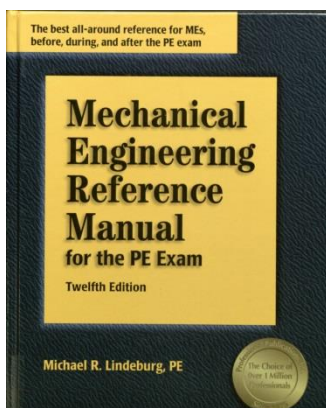
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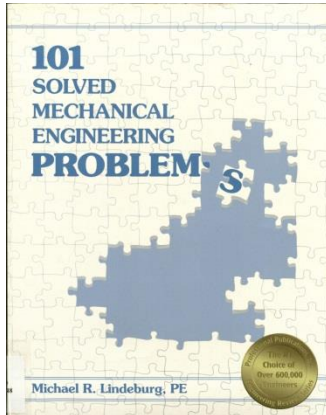
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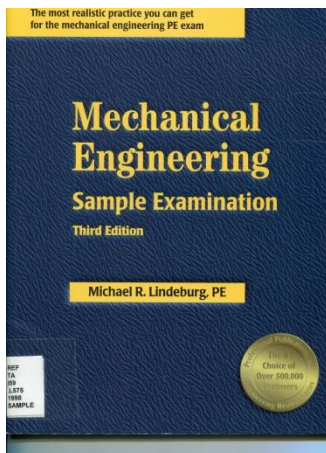


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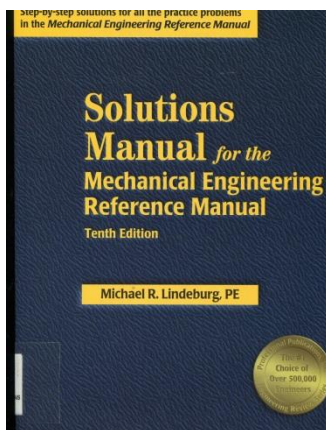
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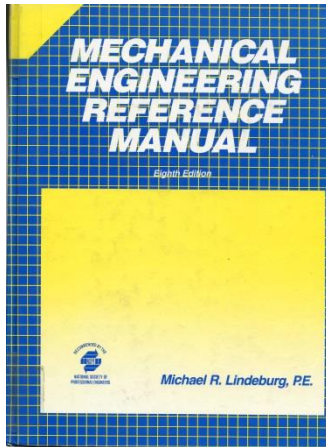
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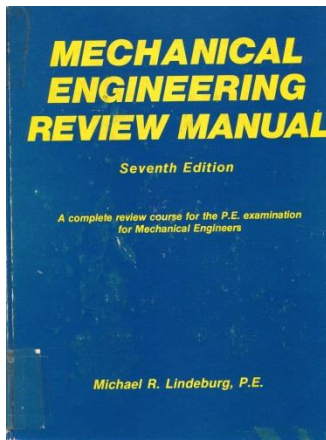
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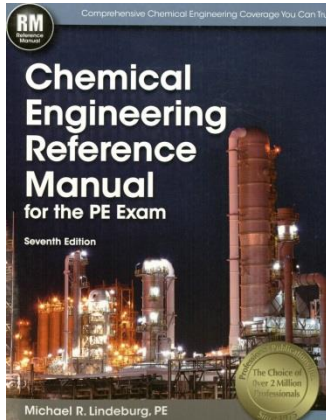
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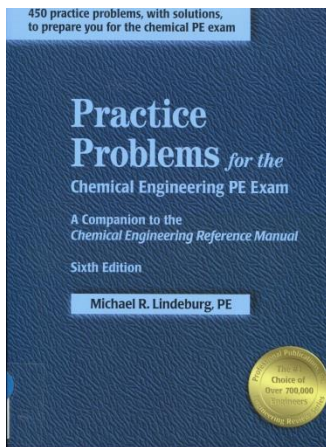
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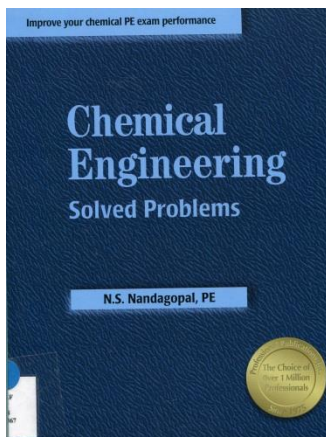
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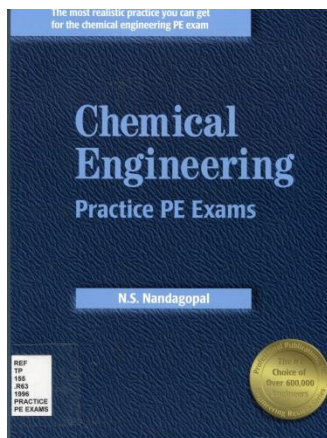
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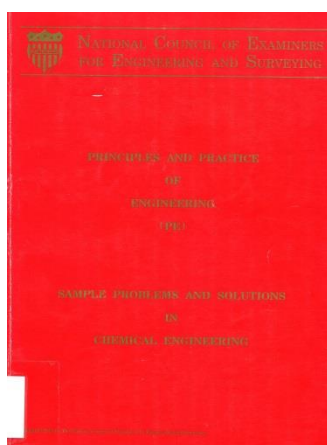
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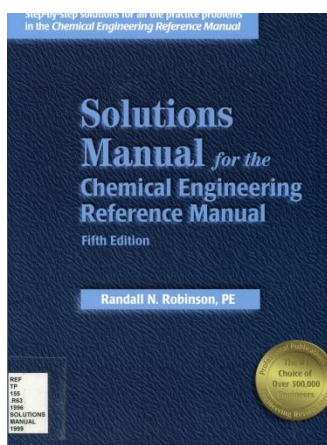
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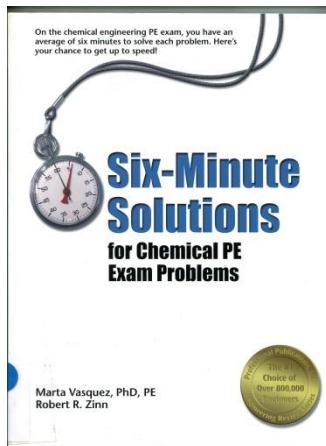
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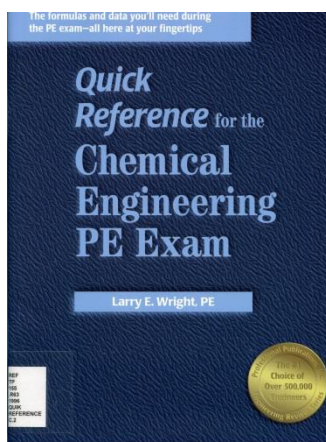
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