

TP690

978-0-12-404570-5

Heavy and extra-heavy oil upgrading technologies.

Speight, James G.

Gulf Professional Publishing, ©2013

168 p.

\$35.00 (pa)

Heavy crude oils have a higher density and viscosity than light crude oil, making them more difficult to refine into useable fuel, but much higher reserves. Written in plain language, this slim book explains the different processes for refining heavy feedstocks, highlighting recent improvements in thermal cracking, catalytic cracking, catalytic hydrotreating, hydrocracking, and solvent processes. A glossary is provided but no index. Gulf Professional Publishing is an imprint of Elsevier.

TP691

978-2-7108-0992-0

Gas chromatography and 2D-gas chromatography for petroleum industry; the race for selectivity.

Bertoncini, Fabrice and Marion Courtiade-Tholance, Didier Thiebaut.

Trans. by Trevor Jones.

Editions Technip, ©2013

340 p.

\$72.00 (pa)

The technology is used to elucidate complex samples substantially better than conventional gas chromatography can achieve. Contributors from petroleum and other energy companies survey how it is used in their field. Among the topics are challenges and future needs for the molecular analysis of petroleum products, two-dimensional gas chromatography as a disruptive technique, data processing, coupled systems, the detailed analysis of hydrocarbons, calculating properties from chromatographic data, the speciation of heteroatoms, and simulating distillation. Distributed in the US by Atlas Books.

TP983

978-1-937235-42-0

Memories of a cosmetically disturbed mind. (reprint 2011)

Wiechers, Johann W.

Alluredbooks, ©2013

244 p.

\$35.00 (pa)

In a new preface, the editor of *Cosmetics & Toiletries* introduces the late Wiechers, PhD, a Dutch cosmetics industry scientist/consultant who died in 2011, as "disturbed" only in terms of his incisive questioning of scientific and consumer logic. In this collection of his columns featured in the magazine, this gadfly is just as critical of unproven claims about cosmetic products as of consumers' belief that health problems are largely due to chemicals. Includes a new afterword by Howard Maibach (U. of California School of Medicine) on Wiechers' legacy.

TP1140

2012045818

978-1-56990-526-5

Simple methods for identification of plastics, 5th ed.

Braun, Dietrich.

Hanser Publications, ©2013

127 p.

\$69.95 (pa)

Braun (macromolecular chemistry, Technical U. Darmstadt, Germany) has assembled proven methods by which processors and users of plastics can determine the chemical nature of a plastics sample for quality control or recycling. The simple methods will not provide sophisticated information, he warns, nor be assuredly accurate identifying the components of copolymers and polymer blends. The tests involve heating, burning, and using reagent that can be bought or prepared in a general laboratory.

TP1142

2013-007090

978-1-118-11890-0

Plastics additives and testing.

Muralisrinivasan, Natamai Subramanian.

Scrivener/Wiley, ©2013

216 p.

\$149.95

Plastic technology consultant Muralisrinivasan specializes in materials, additives, and processing equipment. Here he introduces standard additive testing techniques to technicians and engineers just beginning their career in plastics processing and testing, and product development. The information could be useful in research and development and in quality control. He covers thermoplastics and thermosets, types of additives, plastics additives and chemistry, organic and inorganic additives, identifying and testing additives, and future trends.

PHOTOGRAPHY

TR140

2012-020813

978-0-8061-4290-6

A Russian American photographer in Tlingit country; Vincent Soboleff in Alaska.

Kan, Sergei. (The Charles M. Russell Center series on art and photography of the American West)

U. of Oklahoma Press, ©2013

272 p.

\$39.95

Anthropologist Sergei Kan (anthropology and native studies, Dartmouth College) provides text and Vincent Soboleff's photographs provide the visual of rural Alaska from the 1880's to 1920. Soboleff, a Russian-

American and amateur photographer memorialized his life and others. With archive research and ethnographic fieldwork, Kan brings into focus a factory settlement in Kilsnoo, and a Tlingit village, Angoon, in southeastern Alaska dating from the late nineteenth century to 1920, when Soboleff inexplicably ended his photographic hobby. The book provides a visual resource and look into the intertwined lives of the Tlingit and Euro-Americans. Kan worked to learn as much about each photo as possible. In more than 100 photographs, few of which were published before their discovery in 1950, Soboleff, a member of the multiethnic community, was able to take personal photos of daily life. In 50 pages of text, Kan delineates the history and culture of the two communities from an ethnographer's point of view. A lovely book for general readers as well as academics. There are references.

TR146

2012-036210

978-1-937538-09-5

The minimalist photographer.

Johnson, Steve.

Rocky Nook, ©2013

136 p.

\$32.95 (pa)

Johnson, a photographer who has taught visual art, discusses photography from a minimalist perspective. He helps readers figure out why they want to take better photos and what type of photographers they are and want to become, then explains equipment, workflow, and composition from a minimalist approach. He describes the basics of photography, including exposure and light; how to choose a camera; soft vs. hard light, lighting equipment, and color temperature; composition and aesthetics and the difference between art and design; photography philosophy; major innovations in the field, concluding with a section on Alfred Stieglitz; and the effects of Facebook and other technology on photography. There is no index or bibliography. Distributed by O'Reilly Media.

TR146

978-0-321-92950-1

Photography Q&A; real questions, real answers.

Arias, Zack.

New Riders Publishing, ©2013

299 p.

\$29.99 (pa)

Zach Arias is a photographer also known as the Dear Abby of his profession, a blogger who takes all questions on photography. This book compiles almost 300 of the best questions from that project and his answers. Together they are an impressive "how-to" manual for becoming a working photographer. They are divided into sections by "visual intermissions": a photograph by the author and his account of the circumstances in which he took it. The rest is advice, photo-illustrated. It is very good advice. Enough is about the technical and marketing details of photography to make the book most obviously useful to photographers. However, an equal amount is about finding the skills, discipline, and experience needed to successfully run a creative small business, and should be read by almost anyone thinking about starting one. Another third of the book is about what it means to be an artist and a professional, and should be read by artists in any field. Arias' take is focused, practical, and about what really matters. His advice boils down to the following recipe: practice your craft, work very hard, decide something specific you want to focus on, stay focused, always act positive, be generous, take risks, keep practicing, behave yourself, and don't wait. For those who wish to make a living at it, the recipe also includes a website, knowing how much you must charge to live, buying the gear you actually need, not wasting time on TV, games, or web surfing, not wasting energy giving in to your emotional problems, and knowing your market. The advice is always specific, focused on practical resources and strategies, and grounded in dedication to craft and love of good art. What Arias has to say is the thoughtful product of years of systematic honing the craft of staying afloat, creative, and sane as an artist in the US. A few pages at the end offer a very useful set of templates for figuring out everything from monthly expenses to personal goals.

TR263

2013-002606

978-1-937538-19-4

Mastering the Nikon D600.

Young, Darrell.

Rocky Nook, ©2013

547 p.

\$39.95 (pa)

Young, a photographer, author, and information technology engineer, provides advanced amateur photographers a manual on the features and capabilities of the Nikon D600 full-frame (FX), hybrid-digital, single-lens reflex (HD-SLR) camera. He explains its basic setup, its menus, metering, exposure modes, the histogram, white balance, autofocus, autofocus in live view photography, release modes, live view photography mode, movie live view mode, and speedlight flash. He provides information on tasks like changing the battery and removing a lens online, but not in the book. Distributed by O'Reilly Media.