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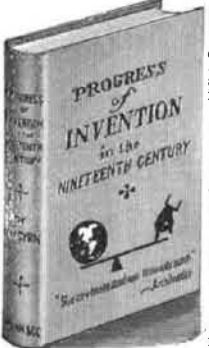


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The name of the author of this latest addition to the "Science Series" is in itself a sufficient guarantee of scholarly and accurate work. In his preface Prof. Newcomb assures us that the problem of presenting a scientific explanation of stellar phenomena to the lay reader without unduly confusing him by the use of technical terms offered difficulties almost insuperable. Although technical phrases must, of necessity, be employed in a work of this character, Prof. Newcomb has endeavored to define them as he proceeds, wherever it may be necessary. The work as a whole is a popular and thoroughly scientific treatise on stars. The Appendix contains a list of the names of certain stars, of parallaxes and large proper motions, and of spectroscopic binary systems, all of which should prove of assistance to the student.

**THE TECHNOLOGY OF PETROLEUM.** The Oil Fields of the World. By Henry Neuberger and Henri Noalhat. Translated by J. Geddes McIntosh. London: Scott, Greenwood & Co. 1901. 8vo. Pp. 634. Price \$10.

This portly volume with its many illustrations and plates is a remarkable addition to technical literature, dealing as it does with the oil fields of the world, their history, geography, geology, annual production, and development, oil-well drilling, explosives and the use of the torpedo, transport of petroleum by sea and by land, storage of petroleum, various problems, etc. The illustrated plates are numerous and excellent, and give a good idea of the interesting features of the industry. It is an eminently practical book for all who are in any way interested in oil. It is the most comprehensive treatise on the subject which we have seen, and it is very gratifying to know such an excellent addition to the literature of petroleum is now made available to English-speaking readers.

**LESSONS IN PRACTICAL ELECTRICITY.** Principles, Experiments, and Arithmetical Problems. An Elementary Textbook. By C. Walton Swoope. New York: D. Van Nostrand Company. 1901. 12mo. Pp. 462. Price \$2.

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