Communica
addresations relating to the Editorial Department should be Montreal to the Editor, Henry T. Bovey, 31 McTavish Street, The Etreal.
${ }^{\text {by }}$ hitor does not hold himself responsible for opinions expressed No notice vill bendents.
notice will be taken of anonymous communications.
The 4 rt of Ore-Dressing in EUOR BOOKS.
Ore-Dressing in Europe, by Wheaton B. Kunhardt, Now York: John Wiley \& Sons.)
This volume is the second of the Columbia School of Mines
Qharterly Series. It parports to be a general description of
the methods of working pursued in the ore-dressing establish.
mentu of P of working pursued in the ore-dressing establish. from the owrope, and has been compiled from data obtained dincureed arers and managers of the foreign mills. The points ore-dred are the following: The general principles pursued in tion, cleang, under-ground separation, general size classificaCobbing clansing, spalling, rock breaking, sizing, hand-picking, roviong, roll-crushing, jigging, rough hydraulic separation, commingtionse-dressing and introduction to slime treatment, ing and dion, hydraulic classification, slime washing, crushtreand drying of concentrates, losses in wet dressing, special th of mog operations, features of mill construction. The work thoden inch interest, touching, as it does, upon the early memochanical and noting in brief the great development in the therican Engineers and Surveyors' Instruments.-This is the twenty Engineers and Surveyors' Instruments.-This is thated caty.fifth edition of W. \& L. E. Gurley's (N.Y.) illus Varionata ingtrame. Full and lucid descriptions are given of the The coments, with rules for their use and adjustment.
Thibing oontracted Liquid Vein, by R. Streckel,-An essay deWatorg the results of certain experiments upon the flow of the Royal soch orifices, read before the mathematical section of The setrological of Canada.

Bological System of the Areat Pyramid.-By F. A. P. SARNARD, L.L.D., s.t.d. (New York: John Wiley \& In Importan Montreal : Dawson Bros.)
8. Tont Question in Metrology.-By Lieut. Chas. A. Montren, M. A. (New York: John Wiley \& Sons; Themontreal : Dawson Bros.) rualke of the works represent the views of thooe whe swell the
parties engaged in the now famed metric struggle.

President Barnard in the essay before us, which is a reprint of a paper contributed to the Proceedings of the American Metrological Society, accounts for the existence of a large body of believers in a religious mystery surrounding the great Pyramid, as being the result of the natural law, that the faith of fanatics is intense in proportion as its foundations are weak, and that its disciples multiply in proportion as its doctrines are deficient of common sense."
After a brief description of various weights and measures, and a statement of the necessity and advantage of introducing the metric system which would "remove the confusion and remedy the inconvenience to all mankind occasioned by the multiplicity of the forms of expressing the quantities of v. changeable commodities," an introduction which he goes on to say is now only a question of time, he gives an account of the " Theory of the Divine Legation of the Great Pyramid.
The principal propositions advanced in support of the theory are :-
1st. That the external dimensions of the pyramid have been determined by means of a unit of linear measure which is one ten-millionth part of the polar radius of the earth : and that this unit is identical in length with the sacred cabit.
2nd. That the linear measure of one side of the pyramid, at its base, contains this sacred unit of measure as many times as there are days in the year, including the fraction of a day beyond the three handred and sirty-five.
8rd. That the height of the pyramid (in its original and perfect condition) when multiplied by the ninth power of ten, expresses the distance of the sun from the earth with an exactness which pats to shame all determinations from transits of Venus, oppositions of Mars, perturbations of the moon, or any other merely human scientific method.

4th. That the daily motion of the earth in its orbit is expressed "in the round decimal number of $100,000,000,000$ pyramid inches.
Various other propositions are also given relating to the dimensions of the interior passages of the pyramid, the measure of capacity discovered by John Taylor in the Sarcophagus in the king's chamber, the geographical position of the monument, \&c., concluding with the article of the pyramid faith that the date of its creation is defined by the pecenliarities of its conatruction
These propositions Dr. Barnard opposes at length and with very forcible argaments, which must be followed in detail to

