

Cell	Value of t	ξ	η	ζ	θ
1234	0	0	0	0	0
5123	bz	0	0	b	0
5134	bx	b	0	0	0
5124	by	0	b	0	0
6235	$c(x+y) + (b-c)z - c$	c	c	$b-c$	c
6345	$(b-c)x + c(y+z-1)$	$b-c$	c	c	c
6234	$(x+y+z-1)(3c-b)$	$3c-b$	$3c-b$	$3c-b$	$3c-b$
6245	$(b-c)(x+z-1) + cy$	$b-c$	c	$b-c$	$b-c$

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MATHEMATICAL PHYSICS FOR ENGINEERS.

Einführung in die Theorie des Magnetismus. Von R. GANS.

Leipzig, Teubner, 1908. vi + 110 pp.

Einführung in die Maxwellsche Theorie der Elektrizität und des Magnetismus. Von CL. SCHAEFER. Leipzig, Teubner,

1908. viii + 174 pp.

Funktionentafeln mit Formeln und Kurven. Von E. JAHNKE und F. EMDE. Leipzig, Teubner, 1909. xii + 176 pp.

PROFESSOR Jahnke is editing a series of texts for engineers. The exact title of the series is Mathematisch-physikalische Schriften für Ingenieure und Studierende. It is published by the firm of B. G. Teubner with the usual typographical excellence of all such works issued by this house. The titles of the volumes which have already appeared, in addition to the three at the head of this review, are Elektromagnetische Ausgleichsvorgänge in Freileitungen und Kabeln, Die Theorie der Besselschen Funktionen,* Die Vektoranalysis und ihre Anwendungen in der theoretischen Physik (2 volumes),† Theorie der Kräftepläne.‡ There are further announced some twenty-five volumes to which titles and authors have already been assigned, and we are assured that a longer continuation of the series is in contemplation. The texts, or should they be called tracts, are all of moderate size, varying from a bit over 100 to somewhat less than 200 pages. From those which have hitherto appeared it is already evident that each has a definite aim and mission to fulfil, which indeed it does fulfil, and that the series as a whole, if not carried so far as to lose its vitality, will form a

* Reviewed in this BULLETIN, volume 16 (1910), p. 385.

† Reviewed in this BULLETIN, volume 17 (1910), p. 100.

‡ Still others have appeared since the date of this review.