

**ERRATA TO "TABLE OF THE ZEROS OF THE LEGENDRE  
POLYNOMIALS OF ORDER 1-16 AND THE WEIGHT  
COEFFICIENTS FOR GAUSS' MECHANICAL  
QUADRATURE FORMULA"<sup>1</sup>**

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The following errors should be noted.

Page 740. The statement "where  $\xi$  is a point in the interval  $(p, q)$  and  $k_n$  is the normalizing factor for  $P_n(x)$ , which is equal to

$$\left(\frac{2n+1}{q-p}\right)^{1/2}."$$

should be replaced by "where  $\xi$  is a point in the interval  $(p, q)$  and  $k_n$  is

$$({}_n C_n)(2n+1)^{1/2}/(q-p)^{n+1/2}."$$

The bottom of the same page should contain the following:

"*Note.* On this and the previous page, the subscripts of  $x_n$  and  $a_n$  are allowed to range from 1 to  $n$ . In the table, however, it seemed more convenient to change the notation slightly, and permit both positive and negative subscripts. Thus for  $n=3$ , the roots are  $x_{-1}$ ,  $x_0$ ,  $x_1$ . Roots with negative subscripts can be obtained by symmetry from those tabulated. Similarly for the entries  $a_n$ ."

Page 741. The value of  $x_2$  should read 0.519096129206812.

Page 742. The value of  $x_1$  should read  $x_1=0.125233408511469$ .

The value of  $x_2$  should read  $x_2=0.367831498998180$ .

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<sup>1</sup> Bull. Amer. Math. Soc. vol. 48 (1942) pp. 739-743.

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**ERRATA, VOLUME 49**

E. J. Gumbel, *On the plotting of statistical observations*, abstract 49-9-238.

p. 698, line 5 of the abstract. Instead of "The correction  $\Delta$  for the rank is unlimited and possesses a mode,  $\Delta$  increases" read "If the variate is unlimited and possesses a single mode the correction  $\Delta$  for the rank increases."

