NOTES AND ERRATA, VOLUMES 7, 13.

VOLUME 7.


Equation (22) and the one preceding it are incorrect. The error necessitates the following alterations in order that proper account be taken of the case where \( y = \text{const.} \) is a solution of the boundary value problem.

Add to the footnote on page 345: In case that \( B \equiv 0 \), that

\[
\int_{\gamma_{1}}^{\gamma_{2}} APdx = 0,
\]

and that the boundary condition \((2a)\) may be satisfied by \( y = \text{const.} \), the condition

\[
\int_{\gamma_{1}}^{\gamma_{2}} APydx = 0
\]

is to be added to the condition expressed by equation (19).

Lines 3, 4, 5 of page 347 should be replaced by:

\[
\int_{\gamma_{1}}^{\gamma_{2}} APdx = 0,
\]

and, as is seen from the expression for \( J \), unless \( B \equiv 0 \).

The last four lines of page 347 should be replaced by: In this case the condition

\[
\int_{\gamma_{1}}^{\gamma_{2}} APu_{h} dx = 0
\]

is satisfied by the approximating functions, so that from the first equation on this page it follows that

\[
\delta_{h} = \int_{\gamma_{1}}^{\gamma_{2}} AP\gamma_{h}^{2} dx = 1.
\]

In the first seven lines of page 348 \( \delta_{h} \) should be replaced by unity, and the equation

\[
\int_{\gamma_{1}}^{\gamma_{2}} AP\bar{u}_{h} dx = 0
\]

should be added to line 6 of page 348.

516
The material from "Now equations (32) ..." in line 18, page 351, to the end of § 2 should be omitted.

On page 352, four lines from the bottom, the words "and it has been shown above that $y_0$ satisfies (31)" should be omitted.

On page 353 after equation (34) and on page 357 at the end of § 3 the following should be inserted: An exception occurs in the case that $y_0 = \text{const.}$ and that

$$\int_{z_1}^{z_2} APdx = 0.$$ 

**Volume 13.**

Page 352.  **E. B. Van Vleck:** *On the extension of a theorem of Poincaré ...*

Line 5. For $(S_1 - R_2) \frac{v_2(n-1)}{v_1(n-1)}$ read $(S_1 - R_2) \frac{v_2(n-1)}{v_1(n-1)}$.

Page 385.  **E. B. Van Vleck:** *One-parameter projective groups ...*

Line 12. For $\frac{B}{\rho} \log \frac{\rho_4}{\rho_3}$ read $\frac{B}{\rho_1} \log \frac{\rho_4}{\rho_3}$. 