

Josef Král

Correction of some misprints in my paper “Potentials and boundary value problems” published in “Wissenschaftliche Schriftenreihe der T. H. Karl-Marx-Stadt”

Commentationes Mathematicae Universitatis Carolinae, Vol. 17 (1976), No. 1, 205--206

Persistent URL: <http://dml.cz/dmlcz/105686>

Terms of use:

© Charles University in Prague, Faculty of Mathematics and Physics, 1976

Institute of Mathematics of the Academy of Sciences of the Czech Republic provides access to digitized documents strictly for personal use. Each copy of any part of this document must contain these *Terms of use*.



This paper has been digitized, optimized for electronic delivery and stamped with digital signature within the project *DML-CZ: The Czech Digital Mathematics Library* <http://project.dml.cz>

17,1 (1976)

CORRECTION OF SOME MISPRINTS IN MY PAPER PUBLISHED IN
 "WISSENSCHAFTLICHE SCHRIFTENREIHE DER TH KARL-MARX-STADT"

Josef KRÁL, Praha

In the text of the lecture "Potentials and boundary value problems" (presented on the conference "5. Tagung über Probleme und Methoden der Mathematischen Physik", Karl-Marx-Stadt, 29.5. - 1.6. 1973) which was published in [1] several disturbing misprints occurred. (The proof-sheets were not sent to the author.) We include here corrections of those of them which prevent correct understanding the lecture. The following abbreviation is adopted:

485⁵ = line 5 from above on p. 485,

487₃ = line 3 from bottom on p. 487 etc.

$$485^5: \quad G(x,t) = (\pi t)^{-\frac{1}{2}} e^{-\frac{x^2}{4t}}, \quad t > 0$$

$$487_3: \quad \Phi(u) = \int_{-\infty}^u e^{-\alpha^2} d\alpha \quad (u \in \langle -\infty, \infty \rangle)$$

$$489_9: \quad \overline{\lim}_{\tau \rightarrow t_0} v^{K\varphi}(\varphi(\tau), \tau) < +\infty \quad (8)$$

490₂: replace φ by \mathcal{C}

$$490_1: \quad \omega T_{\varphi}^0 = \inf \{ \| T_{\varphi}^0 - C \| ; C \in \mathcal{C} \}.$$

492⁸: and a uniquely determined $f \in C_0(\langle a, b \rangle)$

493¹³: the x-axis

495⁷: $\overline{\lim}_{\substack{\xi \rightarrow \xi_0 \\ \xi \in K}} v^K(\xi) < \infty$

495⁴: $\sup_{\xi \in K} v^K(\xi) < \infty$

496^{2,4}: replace \mathcal{G}_K by \mathcal{C}_K

R e f e r e n c e

- [1] J. KRÁL: Potentials and boundary value problems, 5. Tagung über Probleme und Methoden der Mathematischen Physik, Wissenschaftliche Schriftenreihe der Technischen Hochschule Karl-Marx-Stadt 1975, 484-500.

Matematický ústav

ČSAV

Žitná 25, Praha 1

Československo

(Oblatum 17.11. 1975)