CORRECTION

| Page | Line | Printed | Should read |

1969

SovietRxiv

Abstract

Full Text

CORRECTION

In my article (N. N. Kochina, "On the solution of a diffusion problem with a nonlinear boundary condition"), published in DAN, vol. 174, no. 2, 1967, the following corrections must be made:

Page	Line	Printed	Should read
305	5	$\frac{dc(0,t)}{dx}$	$\frac{\partial c(0,t)}{\partial x}$
305	3 from bottom	t	T
306	2	solution	the unique continuous solution tending to zero at infinity,
307	7	ξ	ζ
307	8	equation (8)	equation for the first iteration of equation (8)
307	12	We shall	If $F_0(U) = F + \varepsilon\eta(U)$, then for small ε the solutions of equations (8) and (11) are close. We shall
307	25 from bottom	$U(\tau) = a/\sqrt{\tau} + \dots, BU_n(\tau) = b/\sqrt{\tau} + \dots,$	$U(\tau) = U(0) + a\sqrt{\tau} + \dots, BU_n(\tau) = BU_n(0) + b\sqrt{\tau} + \dots,$
307	6 from bottom	(10)	(12)
307	4 from bottom	λ_*	λ_*
308	2	$\ll 1$	$\ll 1 + \|U_* - U_n\|$

Page	Line	Printed	Should read
308	21 from bottom	problems.	problems. Equations (8) and (11) coincide if $F_0(U) = \text{const}$ or if the expression $\varepsilon\xi(U)$ in formula (11) is replaced by $F(U) - F_0[U(5)/U(1/2)]$.

I express my gratitude to V. N. Monakhov, who drew attention to some inaccuracies in my article.

N. N. Kochina

Note: Figure translations are in progress. See original paper for figures.