

**V. E. Semenenko. A study
of the mechanism
underlying the processes
involved in the inductive
period of photosynthesis,
carried out with the aid of
the radioactive isotope
 C^{14}
. **207****

1960

SovietRxiv

View the original and related papers at <https://sovietrxiv.org/items/ru-196001.56825>

Source: Math-Net.Ru and CyberLeninka. Machine translation. Verify with the original.

Abstract

Full Text

V. E. Semenenko. A study of the mechanism underlying the processes involved in the inductive period of photosynthesis, carried out with the aid of the radioactive isotope C^{14} 207

PLANT PHYSIOLOGY

A. V. Voevodin, S. V. Andreev. On the 2,4-D herbicide by the leaves of weeds . . . 211
 G. A. Sanadze, G. M. Dolidze. On the chemical nature of the volatile excretions of leaves of certain plants 214

PHYSIOLOGY

M. L. Belenkii, S. K. Germane, A. A. Aren, H. J. Vanag. A new class of pharmacologically active substances possessing a well-pronounced influence on the central nervous system 217
 M. M. Gromakovskaia. The part played by serotonin in the stimulating effect of brain extracts on the working capacity of a fatigued neuro-muscular apparatus 221
 P. A. Korzhuev, I. S. Nikolskaia. The quantity of marrow in the reindeer . . . 225
 S. P. Narikashvili, E. S. Moniava, D. V. Kadzhaia. A contribution to the problem of the mechanism operative in the correlation of analyzers 229

EMBRYOLOGY

G. M. Ignatieva. The regional nature of the inductive effect of chordomesoderm in embryos of Acipenseridae fish 233

PARASITOLOGY

M. I. Chernogorenko-Bidulina, I. D. Blizniuk. On the life cycle of the trematode *Sphaerostoma bramae* Müller 1776 237

CORRECTIONS

In the article by B. A. Bublik, "On the Existence of Nonrigid Closed Surfaces," published in DAN, vol. 131, no. 4, 1960.

Location	Printed	Should read
p. 725, line 5	(2)	(1)
p. 726, line 6	$u^{-5/3}$	$u^{-5/2}$

Location	Printed	Should read
p. 726, formula (3), line 1	$(\operatorname{ch} \alpha \operatorname{arc} \operatorname{tg} c)$	$\operatorname{ch}(\alpha \operatorname{arc} \operatorname{tg} c)$
p. 726, formula (3), line 5	$a^{-1/2} + \sin \sqrt{3ba^2}$	$a^{-1/2} \sin \sqrt{3ba^2}$
p. 727, formula (5), line 2	$\frac{1}{\sqrt{35} d \operatorname{ctg} \sqrt{35} d - 1}$	$\frac{140 d^2}{\sqrt{35} d \operatorname{ctg} \sqrt{35} d - 1}$

In my article (A. A. Nikitin, “On One Possible Estimate of the Temperature of Hot Stars from the Character of the Emission Spectrum N III”), published in DAN, vol. 132, no. 1, 1960, on p. 89, line 27, in the expression for $\alpha_\nu(2s^2 2p^2 P - 2s 2kd^2 D^2 S)$ the numerical coefficient should be increased by approximately a factor of 2.6. This correction does not alter the results of the article, since all the calculations are of an estimative character.

A. A. Nikitin

T-11226. Signed for printing 23/VII–1960. Print run 5135 copies. Order 758. Paper size $70 \times 108 \frac{1}{16}$ inches. Paper sheets $7 \frac{1}{2}$. Printed sheets $20.55 + 2$ inserts. Publisher’s accounting sheets 21.3.

2nd Printing House of the Publishing House of the Academy of Sciences of the USSR. Moscow, Shubinskii Lane, 10.

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

Source: Math-Net.Ru and CyberLeninka. Machine translation. Verify with the original.