

INDEX OF AUTHORS

<i>Agekian T. A., Petrovskaya I. V., Fessenko B. I.</i> The determination of variation of the Galaxy rotation velocity at z-direction from the neutral hydrogen line profiles	373
<i>Ambartsumian V. A., Sahakian G. S.</i> On the mass-defect of the baryonic stars	7
<i>Ambartsumian V. A.</i> A note on the frequency of supernovae	473
<i>Arakelian S. N.</i> (see <i>Markarlan B. E.</i>)	38
<i>Aslanyan A. M.</i> (see <i>Sanamian V. A.</i>)	247
<i>Bartaya R. A.</i> (see <i>Kharadze E. K.</i>)	405
<i>Boyarchuk A. A.</i> (see <i>Mustel E. R.</i>)	337
<i>Chuburian E. V., Mnatsakanian M. A.</i> On a method of approximate computation of superdense configurations	477
<i>Dlbay E. A., Pronik V. I.</i> The spectrophotometric investigation of the nucleus of NGC 1068	78
<i>Dlujnevskaya O. B.</i> On the color-function of the young galactic clusters	235
<i>Doroshkevitch A. G.</i> A world model with the homogeneous magnetic field	255
<i>Dragomiretskaja B. A.</i> BN Orionis—RW Aurigae-type variable star	455
<i>Fessenko B. I.</i> (see <i>Agekian T. A.</i>)	373
<i>Gorbatzky V. G.</i> On the influence of electron collisions on the intensities of Balmer lines in spectra of the moving envelopes of stars	129
<i>Gutdalevich E. J., Kaplan S. A.</i> On shock-waves in gas-dust medium	475
<i>Gurzadian G. A.</i> The gradient of the electron temperature in planetary nebulae	91
<i>Gurzadian G. A.</i> On the electron temperature and electron concentration of the planetary nebula IC 4997	225
<i>Gurzadian G. A.</i> The non-steady stellar envelopes containing high-energy electrons	319
<i>Hovhannissian E. Y.</i> (see <i>Markarlan B. E.</i>)	38
<i>Hovhannissian R. S.</i> On one particular case of the equilibrium of a rotating cylindrical configuration in the presence of a magnetic field	193
<i>Hovhannissian R. Kh.</i> (see <i>Ivanova N. L.</i>)	397
<i>Ivanenko D. D., Kurdegaldze D. F.</i> Hypothesis of quark stars	479

Ivanov V. V., Stcherbakov V. T. Tables of functions encountered in the theory of transfer of resonance radiation. I	22
Ivanov V. V., Stcherbakov V. T. Tables of functions encountered in the theory of transfer of resonance radiation. II	31
Ivanov V. V., Nagirner D. I. H-functions in the theory of transfer of resonance radiation	143
Ivanova N. L., Hovhannissian R. Kh., Yeremian R. A. Some results of the spectrophotometric investigation of V 444 Cyg	397
Kalloghlian N. L. (see Mirzoyan L. V.)	285
Kaplan S. A. (see Guldalevitch E. J.)	475
Karachentsev I. D. The distribution of Sculptor-type dwarf systems in Virgo cluster of galaxies	203
Karachentsev I. D. On instability of the Virgo cluster of galaxies	303
Kazarian E. S. (see Mirzoyan L. V.)	213
Khachikian E. Y., Parsamian E. S. The colorimetry of the cometary nebula Anon 6 ^h 04 ^m	417
Kharadze E. K., Bartaya R. A. On the investigation of the spectrum of RW Aur	405
Kukarkin B. V. The galaxies with frequent flares of Supernovae	465
Kurdgelaidze D. F. (see Ivanenko D. D.)	479
Kurcchka L. N. The electron concentration determination by emission Balmer lines	369
Lukatskaya F. I., Zeltzman A. P. On the statistical parameters of the radiation of irregular and semiregular variable stars	313
Lupanov G. A. Singular sphere oscillations	267
Malumian V. H. The radio emission of the Galactic nucleus	347
Markarian B. E., Hovhannissian E. Y., Arakelian S. N. A detailed photometry of galaxies in the Virgo cluster	38
Melnikov O. A. On the differential depression of Fe I levels and the "red displacement" of spectral lines at pressures up to 1 atmosphere	351
Minin I. N. On light scattering in a one-dimensional non-steady state medium	173
Minin I. N. On the theory of the reflection effect in close binary systems	275
Mirzoyan L. V. The continuous formation and rates of evolution of stars in stellar associations	109
Mirzoyan L. V., Kazarian E. S. The spectrum of RW Aur in the region $\lambda\lambda$ 3600—4800	213
Mirzoyan L. V., Kalloghlian N. L. On continuous radiation of SS Cyg	385
Mnatsakanian M. A. (see Chubarian E. V.)	477
Mnatsakanian R. G. (see Sahakian K. A.)	125

INDEX OF AUTHORS

491

<i>Mnatsakanian R. G.</i> (see <i>Sahakian K. A.</i>)	229
<i>Mustel E. R., Boyarchuk A. A.</i> A spectroscopic study of V 603 Aql (N Aql 1918)	337
<i>Nagirner D. I.</i> (see <i>Ivanov V. V.</i>)	143
<i>Nteoghossian A. G.</i> Polychromatic diffuse reflection of light from an infinitely deep one-dimensional medium	285
<i>Parsamian E. S.</i> (see <i>Khachikian E. Y.</i>)	417
<i>Petrovskaya I. V.</i> (see <i>Agekian T. A.</i>)	373
<i>Petrovskaya I. V.</i> On the possibility of the determination of ages of globular clusters by dynamical method	437
<i>Pronik V. I.</i> (see <i>Dlbay E. A.</i>)	78
<i>Sahakian G. S.</i> (see <i>Ambartsumian V. A.</i>)	7
<i>Sahakian K. A., Mnatsakanian R. G.</i> On two blue galaxies	125
<i>Sahakian K. A.</i> Two very blue faint objects near D-galaxy	126
<i>Sahakian K. A., Mnatsakanian R. G.</i> The faint blue stars in the region $\alpha = 17^{\text{h}}18^{\text{m}}$, $\delta = +43^{\circ}30'$ (1950)	229
<i>Sanamian V. A., Aslanian A. M.</i> The variation of the flux density of the radio source Cassiopeta-A	247
<i>Stcherbakov V. T.</i> (see <i>Ivanov V. V.</i>)	22
<i>Stcherbakov V. T.</i> (see <i>Ivanov V. V.</i>)	31
<i>Thoumassian H. M.</i> On the nuclei of barred galaxies	197
<i>Vurdunian R. A.</i> Correlation between direction of axis of cometary nebulae and the plane of polarization of the surrounding stars	429
<i>Vartanian Y. L.</i> The absorption of neutrino for superhigh temperatures	183
<i>Yengibarian N. B.</i> Time-dependence of the probability of diffuse reflection of a photon from one-dimensional inhomogeneous medium	167
<i>Yengibarian N. B.</i> On one problem of the radiation non-linear transfer	297
<i>Yepremyan R. A.</i> (see <i>Ivanova N. L.</i>)	397
<i>Zeltsman A. P.</i> (see <i>Lukatskaya F. I.</i>)	313