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Karel Horák, Vladimír Müller, Pavla Vrbová, Praha

Professor RNDr. Václav Alda, CSc., was born on September 27, 1923 in Prague. He completed the secondary school in 1941 and, after a forced break of several years, caused by the Nazi occupation of Czechoslovakia, entered the Faculty of Science,

Charles University in Prague. He graduated in 1948 and obtained his RNDr. degree in 1949. In 1950–52 he was research student (Aspirant) at the Central Mathematical Institute. Then he started teaching Mathematics, first at Military Technical Academy

in Brno, then at Czech Technical University in Prague and eventually at School of Mechanical Engineering in Liberec. Since 1962 he has been affiliated with the Mathematical Institute of the Czechoslovak Academy of Sciences.

Professor Alda is known for having the rare gift of jointing extensive knowledge in both Mathematics and Physics. His original interest was in Statistics and theory of probability; he published several papers from this field, especially on Poisson's distribution. Later he was mainly engaged in differential geometry and differential equations. From this field let us recall at least a series of papers on eigenvalues of differential equations in which he applied the theory of compact operators. Since 1970 his interest has shifted primarily to Physics. He has dealt with the description of physical systems, the problem of hidden variables as well as of the decay of unstable particles. Lately, V. Alda has devoted considerable effort to problems connected with the axiomatics of the quantum mechanics, especially Segal's axioms.

The colleagues of Professor Alda admire the width of his scientific as well as personal interests and his specific sense of humour in most various everyday situations.

For the years to come, Czechoslovak mathematicians wish Professor Alda personal satisfaction and further valuable achievements in science.

LIST OF SCIENTIFIC PAPERS OF PROFESSOR VÁCLAV ALDA

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[2] Sur les propriétés affines des correspondances analytiques. Časopis pěst. mat. a fyz. *75* (1950), 51—67.
[3] Zamečanie k raspreděleniju Puassona. Czechoslovak Math. J. *2* (1952), 243—246.
[4] O polnotě polinomov dlja raspredělenija Puassona. Czechoslovak Math. J. *3* (1953), 83—85.
[5] On conditional expectations. Czechoslovak Math. J. *5* (1955), 503—505.
[6] O poverchnostjach bez kasatel'nych ploskostěj. Czechoslovak Math. J. *3* (1953), 154—157. On the surfaces without tangent planes. Am. Math. Soc. Transl. (2) *14* (1960), 55—57.
[7] Izometričeskije preobrazovanie semejstva giperpoverchnostěj. Czechoslovak Math. J. *6* (1956), 195—211.
[8] Les résaux de coniques. Czechoslovak Math. J. *7* (1957), 48—56.
[9] Gauss Theorem (Czech). Sborník VŠS, Liberec 1959.
[10] Note to an article (Czech). Politická ekonomie 1961.
[11] Bemerkung zur Arbeit „Mathematische Theorie der Torsions- und Biegungsschwingungen anisotroper Stäbe" von A. Apfelbeck. Czechoslovak Math. J. *12* (1962), 622—626.
[12] On eigenvalues of the differential equations $Mf = \lambda Nf$ (Czech). Časopis pěst. mat. *87* (1962), 399—403.
[13] Über die Eigenwerte von der Differenzialgleichung $Mf = \lambda Nf$. Atti dei VII Congresso de l'unione Matematica Italiana, Genova 1963.
[14] Waves propagation through unbounded piezoeletric medium (Czech). Časopis pro fyziku *13* (1963), 346—366 (with *K. Hruška* and *J. Tichý*).
[15] O sobstvennych značemijach differencial'nych uravněnij $Mf = \lambda Nf$, II. Časopis pěst. mat. *90* (1965), 134—142.
[16] O sobstvennych značenijach differencial'nych uravněnij $Mf = \lambda Nf$, III. Časopis pěst. mat. *90* (1965), 143—146.

[17] On a functional equation. Aplikace mat. *16* (1971), 448—451.

[18] On hidden variables. Aplikace mat. *17* (1972), 53—55.

[19] On generalized localisability. Aplikace mat. *18* (1973), 30—32.

[20] The principle of superposition and the decay of unstable particles (Czech). Sborník 3. prac. konf. čs. fyziků, Olomouc 1974, 90—91 (with *V. Kundrát* and *M. Lokajíček*).

[21] Exponential decay law and irreversibility of decay and collision processes. Aplikace mat. *19* (1974), 307—315 (with *V. Kundrát* and *M. Lokajíček*).

[22] CP-violation and unitary problem in the K^0-decay. Acta Phys. Slov. *24* (1974), 197—200 (with *M. Lokajíček*).

[23] Some problems related to quantum-mechanical description of decay and collision processes. Proc. of the III. Int. Symp. on High. Energy and Elementar Particles Physics, Sinaia, October 1973, Ed. SÚJV Dubna 1974, 355—359 (with *V. Kundrát* and *M. Lokajíček*).

[24] To the theory of decay of unstable particles (Czech). Sborník 4. prac. konf. čs. fyziků, Liberec 1975, 1976, 267—268 (with *M. Lokajíček*).

[25] A contribution to decay theory of unstable particle. Preprint FÚ ČSAV, October 1974 (with *M. Lokajíček*).

[26] On 0—1 measure for projectors. Aplikace mat. *25* (1980), 372—374.

[27] On 0—1 measure for projectors, II. Aplikace mat. *26* (1981), 57—58.

[28] Remark on two papers concerning axiomatics of quantum mechanics. Czechoslovak Math. J. *31* (1981), 322—324.

[29] On Segal's postulates for general quantum mechanics. Aplikace mat. *25* (1980), 453—456.

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