L. A. Santaló's Published Work

A. M. Naveira, A. Reventós

1934

[34.1.r] [1]   Some combinatorial problems, (Spanish); *Matemática Elemental* **3** (1934), 21–22.

[34.2.r]   Area generated by a segment which moves keeping itself normal to a line and describing a developable surface, (Spanish); *Rev. Mat. Hisp.-Amer.* **9** (1934), 101–107.

[34.3.r]   Developable surfaces through a straight line, (Spanish); *Las Ciencias*, **I** (1934), 1-7.

1935

[35.1.r]   Some properties of spherical curves and a characteristic of the sphere, (Spanish); *Rev. Mat. Hisp.-Amer.* **10** (1935), 9–12.

[35.2.r]   An integral formula for convex figures in the plane and the space, (Spanish); *Rev. Mat. Hisp.-Amer.* **10** (1935), 209–216.

1936

[36.1.r]*   Integral Geometry 7: New applications of the concept of the kinematic measure in the plane and the space, (Spanish); *Rev. Acad. Ci. Exact. Fis. Nat.* (Ph. D. thesis), Madrid **33**, (1936), 451–504.

[36.2.r]   Some problems referring to geometrical probabilities, (Spanish); *Rev. Mat. Hisp.- Amer.* **11** (1936), 87–97.

[36.3.r]   Integral Geometry 4: On the kinematic measure in the plane, (Spanish); *Abh. Math. Sem. Univ. Hamburg*. **11** (1936), 222–236.

[36.4.r]   Integral Geometry 5: On the kinematic measure in space, (Spanish); *Actualités Sci. Industr. Hermann* **357**, París, 1936.

[36.5.r]   Curves on a surface which hold the condition $\delta \int (k,\tau) ds = 0$, (Spanish); *Rev. Mat. Hisp.-Amer.* **11** (1937), 129–138.

1937

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[1]The notation $[\alpha.\beta.\gamma]$ denotes: α the year of the publication, β the order in that year and γ means book (b), research (r), general interest (g) or education (e). Also the references indicated with (*) are those chosen for the "Santaló Selected Works", edited by Springer, 2009.

[37.1.r]   Integral geometrie 15: Fundamental formula of the kinematic measure for cylinders and moving parallel planes, *Abh. Math. Sem. Univ. Hamburg* **12** (1937), 38–41.

1939

[39.1.r]   Integral Geometry of unlimited figures, (Spanish); *Publ. Inst. Mat. Univ. Nac. Litoral*, Rosario **1** (1939), 1–58.

1940

[40.1.r]*   On some problems of geometric probabilities, (French); *Tôhoku Math. J.* **47** (1940), 159–171.
[40.2.r]*   A theorem on sets of parallelepipeds with parallel edges, (Spanish); *Publ. Inst. Mat. Univ. Nac. Litoral*, Rosario **2** (1940), 49–60.
[40.3.r]   Integral Geometry 31: On mean values and geometric probabilities, (Spanish); *Abh. Math. Sem. Univ. Hamburg* **13** (1940), 284–294.
[40.4.r]   Integral Geometry 32: Some integral formulae in the plane and in the space; *Abh. Math. Sem. Univ. Hamburg* **13** (1940), 344–356.
[40.5.r]   A demonstration of the isoperimetric property of the circle, (Spanish); *Publ. Inst. Mat. Univ. Nac. Litoral*, Rosario **2** (1940), 37–46.
[40.6.g]   On some geometrical problems concerning aviation, (Spanish); *Boletín Matemático*, Buenos Aires **13** (1940), 66-71.
[40.7.g]   On continuous probabilities, (Spanish); *Ciencia*, Méjico **1**, 1940.

1941

[41.1.r]*   A generalization of a theorem of Kubota on ovals, (German); *Tôhoku Math. J.* **48** (1941), 64–67.
[41.2.r]*   Proof of a theorem of Bottema on ovals, (German); *Tôhoku Math. J.* **48** (1941), 221–224.
[41.3.r]*   A theorem and an inequality referring to rectifiable curves, *Amer. J. Math.* **63** (1941), 635–644.
[41.4.r]*   Curves of extremal total torsion and *D*-curves, (Spanish); *Publ. Inst. Mat. Univ. Nac. Litoral*, Rosario **3** (1941), 131–156.
[41.5.r]   Some infinitesimal properties of plane curves, (Spanish); *Math. Notae* **1** (1941), 129–144.
[41.6.r]   Generalization of a problem of geometrical probability, (Spanish); *Rev. Un. Mat. Argentina* **7** (1941), 129–132.
[41.7.r]   Nicolas Tartaglia and the resolution of the equation of third order, (Spanish); *Math. Notae* **1** (1941), 26–33.
[41.8.r]   A system of mean values in the theory of geometric probabilities, (Spanish); *Revista Ci. Lima* **43** (1941), 147-154.

[41.9.g]   The mathematics and language, (Spanish); *Asoc. Cult. Conferencias*, Rosario, 1941.

[41.10.g] Probability and its several applications, (Spanish); *Asoc. Cult. Conferencias*, Rosario, 1941.

[41.11.r] The mean value of the number of parts into which a convex domain is divided by n arbitrary straight lines, (Spanish); *Rev. Un. Mat. Argentina* **7** (1941), 33–37.

1942

[42.1.r]* Integral formulas in Crofton's style on the sphere and some inequalities referring to spherical curves, *Duke Math. J.* **9** (1942), 707–722.

[42.2.r]* On the isoperimetric inequality for surfaces of constant negative curvature, (Spanish); *Univ. Nac. Tucumán Rev.* **3** (1942), 243–259.

[42.3.r]* Supplement to the note: A theorem on sets of parallelepipeds with parallel edges, (Spanish); *Publ. Inst. Mat. Univ. Nac. Litoral*, Rosario **3** (1942), 202–210.

[42.4.r]   On the concept of curvature of a surface, (Spanish); *Math. Notae* **2** (1942), 165–184.

[42.5.r]   An integral formula concerning convex figures, (Spanish); *Rev. Un. Mat. Argentina* **8** (1942), 165–169.

[42.6.r]   On certain varieties of the type of a developable in Euclidean space of four dimensions, (Spanish); *Publ. Inst. Mat. Univ. Nac. Litoral*, Rosario **4** (1942), 3–42.

[42.7.r]   Some mean values and inequalities relating to curves on the sphere, (Spanish); *Rev. Un. Mat. Argentina* **8** (1942), 113—125.

[42.8.r]   Isaac Newton and the binomial theorem, (Spanish); *Math. Notae* **2** (1942), 61–72.

[42.9.r]   Some properties of the twisted curves in the affine differential geometry, (French); *Portugaliae Mat.* **3** (1942), 63–68.

[42.10.r] Surfaces of constant negative curvature, (Spanish); *Univ. Nac. Tucumán Rev.* **3** (1942), 243–259.

[42.11.r] (With Cosnita, Thebault and Court). Problems and solutions. Advanced problems: Problems for solution: 4036–4039. *Amer. Math. Monthly* **49** (1942), 340–341.

[42.12.g] Possibilities of interplanetary flight, (Spanish); *Rev. Ingeniería y Arquitectura,* Rosario, 1942.

[42.13.e] What must be done for the progress of mathematics in Argentina?, (Spanish); *Publ. Facultad Ci. Mat., Físico-Químicas y Nat. Apl. a la Industria.* Univ. Nac. Litoral **34** (1942), 41-45.

[42.14.g] Probability and its several applications. Conference published by *Asoc. Cult. Conferencias*, Rosario, 1942.

1943

[43.1.r]*   Integral Geometry on surfaces of constant negative curvature, *Duke Math. J.* **10** (1943), 687–709.

[43.2.r]*   On the probable distribution of corpuscles in a body, deduced from the distribution of its sections, and analogous problems, (Spanish); *Rev. Un. Mat. Argentina* **9** (1943), 145–164.

[43.3.r]   (With Fritz). Problems and solutions: Advanced problems: Solutions: 4036. *Amer. Math. Monthly* **50** (1943), 397–399.

[43.4.r]   A characteristic property of the circle, (Spanish); *Math. Notae* **3** (1943), 142–147.

[43.5.r]   Some inequalities between the elements of a triangle, (Spanish); *Math. Notae* **3** (1943), 65–73.

[43.6.r]   On the osculating conic section at an ordinary point of a plane curve, (Spanish); *Rev. Un. Mat. Argentina* **9** (1943), 53–60.

[43.7.r]   On some systems of linear equations and their determinants, (Spanish); *Math. Notae* **3** (1943), 129–184.

[43.8.g]   Brief history and current state of some chimera and fantasies of human being, (Spanish); *Rev. Centr. Estud., Fac. Ciencias Matemáticas,* Rosario, 1943.

[43.9.r]   Solution to the question n° 8 (on a question of geometry), (Spanish); *Math. Notae* **3** (1943), 105–111.

1944

[44.1.r]*   Note on convex spherical curves, *Bull. Amer. Math. Soc.* **50** (1944), 528–534.

[44.2.r]   (Whith Frink, Jr., Thebault and Dulmage). Problems and solutions. Elementary problems: Problems for solutions E646–E650. *Amer. Math. Montly* **51** (1944), 586–587.

[44.3.r]   (With Erdos, Brauer and Cohen). Problems and solutions: Advanced problems: Solutions: 4070. *Amer. Math. Monthly* **51** (1944), 234–236.

[44.4.r]   Origin and development of Integral Geometry, (Spanish); *Rev. Univ. Católica Perú* **12** (1944), 205–230.

[44.5.r]   Area bounded by the curve generated by the end of a segment whose other end traces a fixed curve, and application to the derivation of some theorems on ovals, (Spanish); *Math. Notae* **4** (1944), 213–226.

[44.6.r]   Bounds for the length of a curve or for the number of points necessary for an approximate covering of a domain, (Spanish); *An. Acad. Brasil. Ci.* **16** (1944), 111–121.

[44.7.r]   Properties of convex figures on a sphere, (Spanish); *Math. Notae* **4** (1944), 11–40.

[44.8.r]   Solution to the question n° 11 (on a question of probability), (Spanish); *Math. Notae* **4** (1944), 105–111.

1945

[45.1.r]*   Mean value of the number of regions into which a body in space is divided by n arbitrary planes, (Spanish); *Rev. Un. Mat. Argentina* **10** (1945), 101–108.

[45.2.r]*   Note on convex curves on the hyperbolic plane, *Bull. Amer. Math. Soc.* **51** (1945), 405–412.

[45.3.r]   (With Rosenbaum). Problems and solutions: Elementary problems: Solutions: E665. *Amer. Math. Montly* **52** (1945), 521–522.

[45.4.r]   (With Fine and Eves). Problems and solutions: Elementary Problems: Solutions: E649. *Amer. Math. Montly* **52** (1945), 344–345.

[45.5.r]   (With Eves, Thebault, Kaplansky and Browne). Problems and solutions: Elementary problems: Problems for solution: E661-E665, E637. *Amer. Math. Montly* **52** (1945), 159.

[45.6.r]   Some properties of skew curves in projective differential geometry, (Spanish); *Actas Acad. Ci. Lima* **8** (1945), 203–216.

[45.7.r]   Addendum to the note "On a Diophantine problem", (Spanish); *Math. Notae* **5** (1945), 162–171.

[45.8.r]   Surfaces whose D-curves are geodesics or isogonal trajectories of the lines of curvature, (Spanish); *Publ. Inst. Mat. Univ. Nac. Litoral* **5** (1945), 255–267.

[45.9.r]   On the circle of maximum radius contained in a domain, (Spanish); *Rev. Un. Mat. Argentina* **10** (1945), 155–162.

[45.10.r]   A theorem on conformal mapping, (Spanish); *Math. Notae* **5** (1945), 29–40.

[45.11.g]   On the problem of the radius of action of the airplanes, (Spanish); *Rev. Centr. Estud., Facultad Ciencias Matemáticas,* Rosario, 1945.

[45.12.g]   Geometric probabilities and Integral Geometry, (Spanish); *Bol. Fac. Ingeniería,* Montevideo **3**, (1945), 91–113.

[45.13.g]   Origin and evolution of some mathematical theories, (Spanish); *Rev. Ingeniería,* Montevideo, 1945.

[45.14.g]   Contribution of the aeronautic to the progress of the sciences, (Spanish); *Asoc. Cult. Conferencias,* Rosario, 1945.

1946

[46.1.r]*   Convex regions on the n-dimensional spherical surface, *Ann. of Math.* **47** (1946), 448–459.

[46.2.r]*   On convex bodies of constant width in E^n, (Spanish); *Portugaliae Math.* **5** (1946), 195–201.

[46.3.r]*   A geometrical characterization for the affine differential invariants of a space curve, *Bull. Amer. Math. Soc.* **52** (1946), 625–632.

[46.4.r]   Some integral formulas referring to convex bodies, (Spanish); *Rev. Un. Mat. Argentina* **12** (1946), 78-87.

[46.5.r]   On the length of a space curve as mean value of the lengths of its orthogonal projections, (Spanish); *Math. Notae* **6** (1946), 158–166.

[46.6.b]   History of aeronautics, (Spanish); *Espasa-Calpe Argentina,* 1946.

[46.7.r]   (With Stewart). Problems and solutions: Advanced problems: Solutions 4151. *Amer. Math. Montly* **53** (1946), 342–344.

[46.8.r]   On plane hyperconvex figures, (Spanish); *Summa Brasil. Math.* **1** (1946), 221-239.

[46.9.r]   (With Levi and De María). Enumerative studies on the varieties of contact of the surfaces in a space of n-dimensions, (Spanish); *Fac. Ci. Mat. Univ. Nac. Litoral. Publ. Inst. Mat*, Rosario. **8** (1946), 3–72.

[46.10.r]   On a linear complex related to a closed space curve, (Spanish); *Math. Notae* **6** (1946), 45–56.

[46.11.g]   Contribution of aviation to the progress of science, (Spanish); *Asoc. Cult. Conferencias* Rosario **1** (1946), 3—15.

1947

[47.1.r]*   Affine invariants of certain pairs of curves and surfaces, *Duke Math. Journal* **14** (1947), 559–574.

[47.2.r]*   On the first two moments of the measure of a random set, *Ann. Math. Statistics* **18** (1947), 37–49.

[47.3.r]* D-curves on cones, (Spanish); *Math. Notae* **7** (1947), 179–190.

[47.4.r]   (With Bellman, Thebault, Dyson and Eves). Advanced problems and solutions: Problems for solution: 4259—4263, 4248. *Amer. Math. Montly* **54** (1947), 418–419.

[47.5.r]   A characteristic property of the quadrics of revolution and of cylinders whose cross section is a logarithmic spiral, (Spanish); *Math. Notae* **7** (1947), 81–90.

[47.6.r]   On the measure of the set of congruent figures contained in the interior of a rectangle or of a triangle, (Spanish); *Actas Acad. Ci. Lima* **10** (1947), 103–116.

1948

[48.1.r]   An affine invariant for closed convex plane curves, (Spanish); *Math. Notae* **8** (1948), 103–111.

[48.2.r]   On the distribution of planes in space, (Spanish); *Rev. Un. Mat. Argentina* **13** (1948), 120–124.

1949

[49.1.r]*   Integral Geometry in three-dimensional spaces of constant curvature, (Spanish); *Math. Notae* **9** (1949), 1–28.

[49.2.r]*   Integral Geometry on surfaces, *Duke Math. J.* **16** (1949), 361–375.

[49.3.r]*   An affine invariant for convex bodies in n-dimensional space, (Spanish); *Portugaliae Math.* **8** (1949), 155–161.

[49.4.r]   Some inequalities between the elements of a tetrahedron in non-Euclidean geometry, (Spanish); *Math. Notae* **9** (1949), 113–117.

[49.5.r]   Advanced problems and solutions: Solutions: 4262. *Amer. Math. Montly* **56** (1949), 270–271.

1950

[50.1.r]*   On parallel hypersurfaces in the elliptic and hyperbolic *n*-dimensional space, *Proc. Amer. Math. Soc.* **1** (1950), 325–330.

[50.2.r]*   Integral Geometry in general spaces, *Proceedings of the International Congress of Mathematiciens, Cambridge Mass. Amer. Math. Soc.* Providence, R. I. **1** (1950), 482–489.

[50.3.r]*   Integral Geometry in projective and affine spaces, *Ann. of Math.* **51** (1950), 739–755.

[50.4.r]   On some integral formulas and mean values concerning movable convex figures in the plane, (Spanish); *Publ. Fac. Ci. Exact. Fis. Nat. Univ. Buenos Aires* **1** (1950), 23–45.

[50.5.r]   Some integral formulas and a definition of *q*-dimensional area for a set of points, (Spanish); *Univ. Nac. Tucumán Rev.* **7** (1950), 271–282.

[50.6.r]   Integral Geometry in 3-dimensional spaces of constant curvature, (Spanish); *Math. Notae* **9** (1950), 1–28.

[50.7.r]   Remarks on surfaces and inscript polyhedrons, (Spanish); *Las Ciencias*, Madrid **15**, 1950.

[50.8.r]   Applications and current problems of some mathematical theories, (Spanish); *An. Soc. Científica Argentina* **150**, 1950, 136–154.

1951

[51.1.b]   (With Rey Pastor). Integral Geometry, (Spanish); *Espasa-Calpe*, Buenos Aires, 1951.

[51.2.r]   Two characteristic properties of circles on a spherical surface, (Spanish); *Math. Notae* **11** (1951), 73–78.

[51.3.r]   Probability in geometrical constructions, (Spanish); *An. Soc. Ci. Argentina* **152** (1951), 203–229.

[51.4.r]   On permanent vector-varieties in *n*-dimensions, *Portugaliae Math.* **10** (1951), 125–127.

[51.5.r]   Generalization of an inequality of H. Hornich to spaces of constant curvature, (Spanish); *Rev. Un. Mat. Argentina* **15** (1951), 62–66.

[51.6.r]   On pairs of convex figures, *Gaz. Mat.,* Lisboa **12** (1951), 7–10.

1952

[52.1.r]*   Measure of sets of geodesics in a Riemannian space and applications to integral formulas in elliptic and hyperbolic spaces, *Summa Brasil. Math.* **3** (1952), 1–11.

[52.2.r]*   Integral Geometry in Hermitian spaces, *Amer. J. Math.* **74** (1952), 423–434.

[52.3.r]   Some mean values on the hemisphere, (Spanish); *Math. Notae* **12–13** (1952), 32–37.

[52.4.r]   Integral Geometry in spaces of constant curvature, (Spanish); *Rep. Argentina. Publ. Comisión Nac. Energía Atómica, Serie Matemática* **1** (1952), 1–68.

[52.5.r]   Problems of Integral Geometry, (Spanish); *Symposium on "Some mathematical problems which are being studied in Latin America"*, Punta del Este, Uruguay, December 1951. Cent. Coop. Ci. UNESCO for Latin America, Montevideo, (1952), 23–40.

[52.6.g]   New problems posed to mathematics by other sciences, (Spanish); Bol. Centro Coop. Cient. UNESCO, Montevideo, 1952.

1953

[53.1.b]   Introduction to Integral Geometry. *Act. Sci. Ind., 1198. Publ. Inst. Mat. Univ. Nancago, II, Hermann,* París, 1953.

[53.2.r]   Algebraic curves and analytic curves, (Spanish); *Univ. Nac. Eva Perón Publ. Fac. Ci. Físico-Mat.* **4** (1953), 493–506.

[53.3.r]   Correction to the article: " On pairs of convex figures". *Gaz. Mat. Lisboa* **14** (1953), 6.

[53.4.g]   The problem of the unification of fields: the last theory of Einstein, (Spanish); *Mundo Atómico*, Buenos Aires, **4** 1953.

[53.5.g]   The last theory of the unified field by Einstein, (Spanish); *Ciencia e Investigación* Buenos Aires, **9** 1953.

1954

[54.1.r]*   Questions of differential and Integral Geometry in spaces of constant curvature, (Spanish); *Univ. e Politec. Torino. Rend. Sem. Mat.* **14** (1954), 277–295. (1955).

[54.2.r]   Questions of the affine differential geometry of surfaces, (Spanish); *Second Symposium on "Some mathematical problems which are studying in Latin America"*, Cent. Coop. Ci. UNESCO for Latin America, Villavicencio, Argentina (1954), 21–33. (1955).

[54.3.r]   On a theorem of Holditch and analogous in non-Euclidean geometry, (Spanish); *Math. Notae* **14** (1954), 32–49.

[54.4.r]   On some tensors analogous to that of curvature in spaces with a non-symmetrical affine connection, (Spanish); *Univ. Nac. Tucumán Rev.* **10** (1954), 19–26.

[54.5.r]   Some generalizations of the four-vertex theorem, (Spanish); *Math. Notae* **11** (1954), 69–78.

[54.6.r]   On the kinematic formula in spaces of constant curvature, *Proceedings of the International Congress of Mathematicians*, Amsterdam **2** (1954), 251–252.

[54.7.r]   Generalization of a geometric inequality of Feller, (Spanish); *Rev. Un. Mat. Argentina* **16** (1954), 78–81.

[54.8.r]   Probability in non-Euclidean geometries, (Spanish); *Estocástica* **2**, 1954.

[54.9.g]   Modern aspects in the field of geometry, (Spanish); *Ciencia y Tecnología*, OEA, **4**, Unión Panamericana, Washington 6. D. C., 1954.

1955

[55.1.r]* On the distribution of sizes of particles contained in a body given the distribution in its sections or projections, (Spanish); *Trabajos Estadist.* **6** (1955), 181–196.

[55.2.r]   On geometry of numbers, *J. Math. **Soc.** Japan.* **7** (1955), 208–213.

[55.3.b]   (With Rey Pastor and Balanzat). Analytical geometry, *Editorial Kapelusz*, Buenos Aires, 1955.

[55.4.b]   Probability and its applications, (Spanish); *Editorial Iberoamericana*, Buenos Aires, 1955.

[55.5.r]   On the chords of a convex curve, (Spanish); *Rev. Un. Mat. Argentina* **17** (1955), 217–222.

[55.6.r]   On the uniqueness of the elementary vector operators, (Spanish); *Math. Notae* **14** (1955), 120–132. (1956).

[55.7.g]   The work by Einstein in the mathematical field, *Ciencia e Investigación*, Buenos Aires, 1955.

1956

[56.1.r]* On the mean curvatures of a flattened convex body, *Rev. Fac. Sci., Univ. Istanbul* **21** (1956), 189–194.

[56.2.b]   Introduction to Integral Geometry, (Russian); *Izdat. Insotr. Lit.,* Moscow, 1956.

[56.3.r]   Curves on a surface which are extremals of a function of the curvature and the torsion, (Spanish); *Abh. Math. Sem. Univ. Hamburg,* **20** (1956), 216–222.

[56.4.r]   On the measure of the linear spaces which cut a convex body and related problems, (conference on questions of reality in geometry), Liège, (French); *Masson & Cie,* París (1955), 177–190.

1957

[57.1.r]   Affine differential geometry and convex bodies, (Spanish); *Math. Notae* **16** (1957), 20–42.

[57.2.r]   Some properties of the local conformal representation of one surface on another, (Spanish); *Rev. Un. Mat. Argentina* **18** (1957), 45–52.

[57.3.r]   A new affine invariant of plane and solid convex bodies, (Spanish); *Math. Notae* **16** (1957), 78–91. (1958).

[57.4.r]   Some inequalities referring to convex figures of the plane and the space, (Spanish); *Actas Reunión Un. Mat. Argentina*, Bahía Blanca, 1957.

1959

[59.1.r]*   On complete systems of inequalities between three elements of a plane convex figure, (Spanish); *Math. Notae* **17** (1959), 82–104. (1961).

[59.2.r]   On Einstein's unified field equations, (Spanish); *Univ. Nac. Tucumán Rev.* **12** (1959), 31–55.

[59.3.g]   Professor Dr. Alberto Sagastume Berra (obituary), (Spanish); *Math. Notae* **17** (1959), 57–58.

1960

[60.1.r]*   Steiner's formula for parallel surfaces in affine geometry, (Spanish); *Univ. Nac. Tucumán Rev.* **13** (1960), 194–208.

[60.2.r]*   Two applications of the Integral Geometry in affine and projective spaces, *Publ. Math. Debrecen* **7** (1960), 226–237.

[60.3.r]   On unified field theories, (Spanish); *Rev. Un. Mat. Argentina* **19** (1960), 196–206.

[60.4.g]   Analitic geometry and synthetical geometry, (Spanish); *An. Acad. Ci. Exact. Fís. y Nat.* **15**, (1960), 9–31.

[60.5.g]   Perspective for the development of mathematics in Latin America, (Spanish); *Rev. Un. Mat. Argentina* **20** (1960), 23–32.

1961

[61.1.b]   Non-Euclidean geometries, (Spanish); *EUDEBA*, Buenos Aires, 1961. 64 pp. Reedited in 1961, 1963, 1966, 1969.

[61.2.b]   Vectors and tensors, with applications, (Spanish); *EUDEBA*, Buenos Aires, 1961. 383 pp.

[61.3.g]   Mathematics in Argentina, (Spanish); *Rev. Universitaria de Buenos Aires*, **5**, 1961.

[61.4.g]   Analytic geometry and synthetical geometry, (Spanish); *Ciencia e Investigación*, Buenos Aires **17** (1961), 145–154.

1962

[62.1.r]*   On the Gauss-Bonnet formula for polyhedra in spaces of constant curvature, (Spanish); *Rev. Un. Mat. Argentina* **18** (1962), 79–91.

[62.2.r]*   On the measure of sets of parallel linear subspaces in affine space, *Canad. J. Math.* **14** (1962), 313–319.

[62.3.r]*   On the fundamental kinematic formula of Integral Geometry in spaces of constant curvature, (Spanish); *Math. Notae* **18** (1962), 79–94.

[62.4.r]   On some characteristic properties of the sphere (homage to Terracini and Cernuschi), (Spanish); *Univ. Nac. Tucumán Rev.* **14** (1962), 287–297.

[62.5.r]   (With Babini and González Domínguez). Julio Rey Pastor, *Rev. Un. Math. Argentina* **21** (1962), 3–22.

[62.6.g]   The scientific work of Beppo Levi, (Spanish); *Math. Notae* **18** (1962), 23–28.

[62.7.e]   (With Valeiras). The formation of teachers in mathematics, (Spanish); *Educación Matemática en las Américas I*, Columbia University, Teachers College, 1962.

[62.8.e]   New trends in the teaching of geometry, (Spanish); *Instituto Superior del Profesorado, Buenos Aires, 1962, 25 pp.*, Columbia University, Teachers College, 1962.

1963

[63.1.r]*   A relation between the mean curvatures of parallel convex bodies in spaces of constant curvature, (Spanish); *Rev. Un. Mat. Argentina* **21** (1963), 131–137.

[63.2.g]   (With R. Carranza). Finite geometries and its applications, (Spanish); *Ciencia e investigación*, Buenos Aires **19** (1963), 49-62.

[63.3.e]   The teaching of sciences in the high school: The mathematic, (Spanish); *Ciencia e investigación* **19** (1963), 245–252.

1965

[65.1.b]   Introduction to the differential geometry of differentiable manifolds, (Spanish); *Cursos y Seminarios de Matemática, Universidad de Buenos Aires,* Buenos Aires **19**, 1965, 153 pp.

[65.2.r]   Integral Geometry of the projective groups on the plane depending on more than three parameters, *An. Sti.. Univ. "Al. I. Cuza" Iasi* **11** (1965), 307–335.

[65.3.g]   Vector spaces and analytical geometry, (Spanish); *Washington, Monografías de la OEA*, 1965, 56 pp.

[65.4.e]   Modern mathematics in the primary and high school, (Spanish); *La Educación*, OEA Washington **37** (1965), 25–44.

[65.5.g]   Algebra and geometry: their relationships, (Spanish); *An. Acad. Nac. Ci. Exact. Fís. y Naturales* Buenos Aires **20** (1965), 47–63.

[65.6.g]   Premium "Sociedad científica argentina" and seminary of mathematic "Claro C. Dassen", (Spanish); *Bol. Inf. De la Soc. Cient. Argentina,* Buenos Aires, **30** (1965), 1-16.

1966

[66.1.r]*   Groups of the plane with respect to which sets of points and lines admit an invariant measure, (Spanish); *Rev. Un. Mat. Argentina* **23** (1966), 119–148. (1967).

[66.2.r]*   Average values for polygons formed by random lines in the hyperbolic plane, (Spanish); *Univ. Nac. Tucumán Rev.* **16** (1966), 29–43.

[66.3.b]   Projective geometry, (Spanish); *EUDEBA,* Buenos Aires, 1966. 371 pp.

[66.4.r]   On Einstein's unified field theory, *Perspectives in geometry and relativity. Essays in Honor of V. Hlavaty*, Indiana Univ. Press, Bloomington (1966), 343–352.

[66.5.b]   Mathematics in the secondary school, (Spanish); *EUDEBA*, Buenos Aires, 1966. 64 pp.

[66.6.e]   Problems founded for the reform of the teaching of mathematic in Latin America referring to teachers and programs, (Spanish); *Ed. Mat. en las Américas II*, (1966), 23–29.

[66.7.e]   (With Voelker). Preparation of mathematical teachers for teaching in high school, (Spanish); *Ed. Mat. en las Américas II*, (1966), 189–196.

1967

[67.1.r]*   Total absolute curvatures of manifolds contained in Euclidean space, (Spanish); *Acta Ci. Compostelana* **4** (1967), 149–158.

[67.2.r]*   Horocycles and convex sets in the hyperbolic plane, *Arch. Math. (Basel)* **18** (1967), 529–533.

[67.3.r]   Spaces with two affine connections, *Bull. Calcutta Math. Soc.* **59** (1967), 3–8.

[67.4.r]   On the converse of a theorem of Jacobi relative to space curves, (Spanish); *Univ. Nac. Tucumán Rev. Ser. A* **17** (1967), 83–89.

[67.5.r]   Integral Geometry, *Studies in global geometry and analysis*, Edited by S. S. Chern, *The Math. Assoc. Amer., Prentice Hall,* (1967), 147–193.

1968

[68.1.r]* Horospheres and convex bodies in hyperbolic space. *Proc. Amer. Math. Soc.* **19** (1968), 390–395.

[68.2.r] Alessandro Terracini (1889–1968), *Rev. Un. Mat. Argentina* **23** (1968), 149–151.

[68.3.r] (With Dieulefait and Ferrari). Prof. Juan Olguin, $\alpha : 1.I.1902$, $\omega : 6.II.1968$, (Spanish); *Math. Notae* **21** (1968), 1–8.

1969

[69.1.r]* Convexity in the hyperbolic plane, (Spanish); *Univ. Nac. Tucumán Rev.* **19** (1969), 173–183.

[69.2.r]* On some geometric inequalities in the style of Fary, *Amer. J. Math.* **91**, (1969), 25–31.

[69.3.r] Some problems of differential geometry, (Spanish); *Notas Ci. Ser. M Mat.* **7** (1969), 27-34.

1970

[70.1.r]* Mean values and curvatures, *Izv. Akad. Nauk. Armejan*, SSR, Ser. Math. **5** (1970), 286–295. Reprinted in the book *Stochastic Geometry*, (tribute memory Rollo Davidson), Ed. Harding-Kendall, Wiley, London (1974), 165-174.

[70.2.r] Probabilities on convex bodies and cylinders, (Spanish); *Rev. Un. Mat. Argentina* **25** (1970), 95–104. (1971)

[70.3.g] Probability and statistical inference, (Spanish); *Washington, Monografías de la OEA,* 1970. 132 pp.

[70.4.e] Mathematics in the Faculty of Exact and Natural Sciences of the University of Buenos Aires in the period 1865-1930, (Spanish); *Boletín Academia de Ciencias*, Córdoba, Buenos Aires (1970), 255–273.

1972

[72.1.r]* (With Yáñez). Averages for polygons formed by random lines in Euclidean and hyperbolic planes, (Spanish); *J. Appl. Probab.* **9** (1972), 140–157.

[72.2.r] Unified field theories of Einstein's type deduced from a variational principle: conservation laws. Commemoration volumes for Prof. Dr. Akitsugu Kawaguchi's seventieth birthday, Vol. II.*Tensor* **25** (1972), 383–389.

[72.3.r] On certain asymmetric unified field theories, (Spanish); *Rev. Acad. Ci. Exact. Fis. Nat.* Madrid **66** (1972), 395–425.

[72.4.e]   Mathematics and Education, (Spanish); *Office of Science of UN-ESCO for Latin America*, Montevideo, 1972.

[72.5.g]   Editorials on Scientific Policy, (Spanish); *Ciencia e Investigación*, 1968–72 (period in which he was co-director).

1973

[73.1.e]   Mathematics and its teaching at the elementary, medium and superior level, (Spanish); *Actas del IV Congreso Bolivariano de Matemáticas*, Panamá, 1973. (Published also in *Conceptos de Matemática* **27**, 1973).

1974

[74.1.r]* Total curvatures of compact manifolds immersed in Euclidean space, *Symposia Math.*, *Inst. Naz. di Alta Matematica, Academic Press,* Roma **14** (1974), 363–390.

[74.2.r]   Curves and quaternions, (Spanish); *Rev. Un. Mat. Argentina* **27** (1974), 41–52. (1975).

[74.3.e]   The applications of mathematics in the Secondary School: Role of statistics and probability, (Spanish); In the book "The applications of teaching and learning of mathematics in High School (Spanish)", *Office of Science of UNESCO for Latin America,* Montevideo, 1974.

[74.4.g]   Panorama of mathematics in Latin America in 1974, (Spanish); *Office of Science of UNESCO for Latin America*, Montevideo **8**, 1974.

1975

[75.1.r]* The kinematic formula in Integral Geometry for cylinders, *Ann. Mat. Pura Appl.* **103** (1975), 71–79.

[75.2.r]   Geodesics in Gödel-Synge spaces (homage to Lora Tamayo), (Spanish); *Rev. R. Acad. Ci. Ex. Fís. Nat.* Madrid (1975), 51–69.

[75.3.b]   [With other authors] Evolution of the Sciences in the República Argentina, 1923–1972. Vol. I: Mathematics, (Spanish); *Soc. Ci. Argentina*, 1972. 243 pp.

[75.4.b]   Mathematical education today, (Catalan); *Teide*, Barcelona, 1975. 108 pp.

[75.5.e]   The theory of sets and the teaching of mathematics, (Spanish); *Conceptos de Matemática* **34** (1975), 4–10.

1976

[76.1.b]   Integral Geometry and Geometric Probability, (with a foreword by Marc Kac), *Enciclopedia of Mathematics and its Applications, Massachussets, Addison-Wesley, Reading,* 1976. 404 pp.

[76.2.b]   Spinor geometry, (Spanish); Courses in Mathematics, No. 2, Consejo nacional de investigaciones científicas y técnicas, *Instituto argentino de matemática*, Buenos Aires, 1976. 130 pp.

[76.3.r]   Random segments in E^n, (Spanish); *Univ. Nac. Tucumán Rev.* **26** (1976), 229–238. (1981).

[76.4.e]   The third international symposium about mathematical education, (Spanish); *Conceptos de Matemática* **40** (1976), 19–24.

[76.5.b]   (With Deulofeu and Galloni). History of the "Academia Nacional de Ciencias Exactas, Físicas y Naturales", (Spanish); Buenos Aires 1976. 126 pp. 19–24.

1977

[77.1.r]   Sets of segments and graphs in the plane, (Spanish); *Dep. Mat., Fac. Ci. Ex. Fís. Nat., Univ.* Buenos Aires **39** (1977), 1-37.

[77.2.e]   The teaching of mathematics: from Plato to modern mathematics, (Spanish); *Rev. Inst. Investigaciones Educativas (IIE)*, Buenos Aires **13** (1977), 3–26.

[77.3.e]   The current debate on modern mathematics, (Spanish); *Rev. Inst. Investigaciones Educativas (IIE),* Buenos Aires **14** (1977), 3–22.

[77.4.g]   Geometry and Physics, (Spanish); *Conceptos de Matemática* **43** (1977), 24–34.

[77.5.e]   (With other authors). The modulus in the teaching and learning of mathematics in the high school, (Spanish); *Office of Science of UNESCO for Latin America*, Montevideo, 1977.

1978

[78.1.r]*   Sets of segments on surfaces, (Spanish); *Math. Notae* **26** (1978), 63–72.

[78.2.r]*   (With Fava). Plate and line segment processes, *J. Appl. Prob.* **15** (1978), 494–501.

[78.3.r]   Random processes of linear segments and graphs*, Lect. Not. on Biomathematics*, Springer **23** (1978), 279–294.

[78.4.r]   Integral Geometry: history and perspectives, (Spanish); *Proc. IV Int. Colloq. on Diff. Geometry,* Santiago de Compostela, (1978), 1–48. (1979).

[78.5.g]   Mathematical thinking: mathematics in tecnique and in art, (Spanish); *Revista Hitos*, Buenos Aires, 1978.

[78.6.g]   Information and culture, (Spanish); *Rev. Nac. Cultura*, Buenos Aires **1** (1978), 75–81.

1979

[79.1.r]*   (With Fava). Random processes on manifolds in $\mathbb{R}^n$, *Z. Wahrsch. Verw. Gebiete* **50** (1979), 85–96.

[79.2.g]   (With Rios and Balanzat). Julio Rey Pastor, mathematician, (Spanish); *Instituto de España, Colección Cultura y Cencia,* Madrid, 1979.

[79.3.g]   Mathematics and the humanistical sciences, (Spanish); In the book *Quantitative methods in social sciences(Spanish) (in memoriam of Dr. Barral Souto)*, Macchi, Buenos Aires, (1979), 137–152.

1980

[80.1.r]*   Notes on the Integral Geometry in the hyperbolic plane, Special issue in honor of Antonio Monteiro. *Portugaliae Math.* **39** (1980), 239–249 (1985).

[80.2.r]*   Cauchy and Kubota formulas for convex bodies in elliptic n-space, *Rend. Sem. Mat.Univ. Torino* **38** (1980), 51–58.

[80.3.r]*   Random lines and tesselations in a plane, *Stochastica* **4**, (1980), 3–13.

[80.4.r]   Geometric probabilities, Integral Geometry and Stochastic Geometry, (Spanish); *An. Acad. Nac. Ci. Ex., Fís. Nat.*, Buenos Aires **32** (1980), 65–93.

[80.5.g]   Mathematics and society, (Spanish); *Docencia*, Buenos Aires, 1980. 43 pp.

[80.6.e]   Applications of mathematics in the elementary and high school (1st. part), (Spanish); *L'Escaire*, Dep. Mat. Arquitectura, UPC, Barcelona **5** (1980), 44–58.

[80.7.e]   Teaching statistics in Argentina, *Teaching Statistics* **2** (1980).

[80.8.e]   Situation of the teaching of geometry in front of the new trends in mathematical education, (Spanish); *Revista de Bachillerato*, Ministerio Educación y Ciéncia, Madrid, Addendum to number **13** (1980), 23-38.[2] Talk given in "Quinta Conferencia Iberoamericana sobre educación matemática", Campinas, Brasil 1979.

[80.9.r]   Commentary to Vidal's works on Classical Differential Geometry and Integral Geometry of Enrique Vidal-Abascal, (Spanish); *Selecta of Scientific Jubilee of Prof. Enrique Vidal-Abascal*, University of Santiago de Compostela, Spain. Pag. VII-XI of the Preface, 1980.

---

[2]Also "Causes and effects of the present tendencies in the education of geometry" (Spanish) *Lecturas Matemáticas* Sociedad Colombiana de matemáticas **2** (1981) 299-318.

1981

[81.1.g]   Influence of Einstein in the mathematical field, (Spanish); In the book *Homage to Einstein on the centenary of his birthday,* (Spanish). Edited by Univ. Nac. Tucumán, (1981), 27–46.

[81.2.e]   Applications of mathematics in the elementary and high school (2nd part), (Spanish); *L'Escaire*, Dep. Mat. Arquitectura, UPC, Barcelona **6** (1981), 29–44.

[81.3.b]   The teaching of mathematics in the high school (Spanish); *Docencia*, Buenos Aires 1981, 144 pp.

1982

[82.1.r]   Geodesics in Gödel-Synge spaces. *Tensor* (N.S.) **37** (1982), 173–178.

[82.2.e]   Computation and probability in education, (Spanish); *Rev. Inst. Investigaciones Educativas* **37** (1982), 3–14.

[82.3.g]   Argentinian science: Its history and its philosophy, (Spanish); *Actas primeras jornadas de historia del pensamiento científico argentino*, Buenos Aires (1982), 13–19.

[82.4.g]   Carlos Encina (1838–1882), (Spanish); Web page of *Acad. Nac. Ci. Exact. Fís. y Naturales.* www.ancefn.org.ar/institucional/presidentes/encina.htm.

1983

[83.1.r]* An inequality between the parts into which a convex body is divided by a plane section, *Rend. Circ. Mat. Palermo* **32** (1983), 124–130.

[83.2.b]   Integral Geometry and Geometric Probability (transl. of [76.1] from the English by Maksimov), (Russian); *Nauka*, Moscow.

[83.3.r]   Some current problems of stocastic geometry, (Spanish); *Not. First Intern. Symposium,* Barcelona, 1983.

[83.4.e]   The cultivation of scientific attitudes for an integral education of the human being, (Spanish); *El sistema educativo hoy*, CINAE, Buenos Aires **1** (1983), 15–26.

[83.5.g]   Science and technique in contemporary society, (Spanish); *CONICET,* Buenos Aires, 1983.

[83.6.g]   The work of Terradas in Argentina, *Rev. R. Acad. Ci. Exact., Fís. Nat.* Madrid, 1983.

1984

[84.1.r]* Mixed random mosaics. *Math. Nachr.* **117** (1984), 129-133.

[84.2.g]   (With Balanzat). J. Babini, (Spanish); *Rev. Un. Mat. Argentina* **31** (1984), 160–158. (1963).

[84.3.r] Integral Geometry in the affine plane, (Spanish); *Publicación CRM* Barcelona **2**, 1984.

[84.4.g] Integral Geometry, stereology and computerized tomography, *Ciencia Hoje, Statistics*, Rio de Janeiro **2** (1984), 26–32.

[84.5.g] Science, technique and society at the end of the second millennium, (Spanish); *Rev. Escuela Superior de Guerra*, 1984.

[84.6.g] The role of the university in scientific and technological development, (Spanish); *Educación Superior*, *UNESCO*, Caracas **16**, 1984.

1985

[85.1.r] On some invariants under similitudes for convex bodies. *Discrete geometry and convexity (N. Y. 1982), Ann. New York Acad. Sci.* (1985), 128–131.

[85.2.r] A simple problem of decision and a waiting time problem, (Spanish); *Trab. Estad. Invest. Oper.,* Madrid **36** (1985), 269–279.

[85.3.g] Information and its influence on science and philosophy, (Spanish); *Estudios dedicados a Luis Farré*, FEPAI (1985), 75–79.

[85.4.e] The teaching of the geometry in the secondary cycle, (Spanish); *La enseñanza de la matemática a debate*, Ministerio de Educación y Ciencia, Madrid (1985), 11–23.

[85.5.g] Science and technique at the end of XX century, (Spanish); *Ingeniería Militar* **1** (1985), 5–8.

[85.6.g] The work of Wilhelm Blaschke on Integral Geometry, *Blashcke Gesammelte Werke*, Thales Verlag, Essen **2** (1985), 211–218.

1986

[86.1.r]* On the measure of line segments entirely contained in a convex body, *Aspects of Math. and its Appl., Elsevier Science Publ., North-Holland Math. Library* **34** (1986), 677–687.

[86.2.r] Fausto Ismael Toranzos (1908—1996), *Rev. Un. Mat. Argentina* **32** (1986), 220—221. (1987).

[86.3.e] Mathematics and education, (Spanish); *Elementos de Matemática*, Universidad CAECE, **I** Buenos Aires, 1986.

[86.4.g] The engineer José Babini, mathematician and historian of science, (Spanish); *Actas de las segundas jornadas de historia del pensamiento científico argentino*, Buenos Aires (1986), 135–138.

[86.5.e] The teaching of the sciences in high school (a contribution to the pedagogical congress), (Spanish); *An. Soc. Científica* **216**, 1986.

[86.6.g] What are Mathematics (Catalan); Publications of the Autonomous University of Barcelona. Lecture given in Girona, on the occasion of his investiture as doctor Honoris Causa, June 1986.

1987

[87.1.r]   On the superposition of random mosaics, (Spanish); *Acta Stereol.*
            6 (1987), 141–145.
[87.2.g]   Deterministic thinking, probabilistic thinking, informatic thinking,
            (Spanish); *An. I. Congr. Arg. Informática Educativa*, Buenos
            Aires, (1987), 5–10.

1988

[88.1.r]*   Affine Integral Geometry and convex bodies, *J. of Microscopy* **152**
            (1988), 229–233.
[88.2.r]   Fundamental formulas of stereology using sections by nonlinear
            manifolds, (Spanish); *Rev. Un. Mat. Argentina* **34**, (1988), 56–68.
            (1990).
[88.3.r]   Random mosaics, (Spanish). *Rev. R. Acad. Ci. Ex. Fis. Nat.*
            Madrid **82** (1988), 483–522.
[88.4.g]   Influence of science in literature, (Spanish); *Literatura y Ciencia*,
            Fundación Casa de la Cultura de Córdoba (1988), 29–33.
[88.5.e]   Statistic and probability in the high school, (Spanish); *Elementos
            de matemática, II*, **17** (1988), 16-26.
[88.6.e]   Probability in the high school: Random use of tables, (Spanish);
            Épsilon (Rev. Soc. Mat. Thales) **10** (1988), 9–22.
[88.7.g]   Julio Rey Pastor, on the centennial of his birthday, (Spanish); *Cien-
            cia e investigación*, Buenos Aires **42** (1988), 326–330.
[88.8.e]   Proportionality and probability, (Spanish); *Rev. Soc. Can. Profe-
            sores de Matemáticas* **18** (1988), 7–17.
[88.9.g]   Rey Pastor in Latin America, (homage to Rey-Pastor on the cen-
            tenary of his birthday), (Spanish); *R. Acad. Ci. Ex., Fís. Nat.*,
            Madrid (1988), 27–34.
[88.10.g]   Scientific research, profession of our century, (Spanish); *Acad. Ci.
            Ex., Fís. Nat., Buenos Aires*, 1988.

1989

[89.1.g]   The works of Rey Pastor in geometry and topology, (Spanish); *Rev.
            Un. Mat. Argentina* **35** (1989), 3–12. (1991).
[89.2.r]   Integral Geometry, *Global differential geometry, Math. Ass. Amer.
            Stud. Math.* **27** (1989), 303–350.
[89.3.e]   Probability in the high school, simulation of games, (Spanish); *Rev.
            Educación Matemática* **4** (1989), 4–17.
[89.4.g]   Science on the threshold of the third millennium, (Spanish); *Inge-
            niería militar*, Buenos Aires **9** (1989), 4–11.

1990

[90.1.g]   Experimental method and mathematical method, (Spanish); *Elementos de Matemàtica* **5**, 1990.

[90.2.e]   Mathematics for non-mathematicians, (Spanish); *Mem. Congreso Ibero-Americano, UNESCO*, Sevilla, 1990.

[90.3.g]   Scientific Essay, *Fundación Casa de Cultura de Córdoba*, (1990), 16–21.

1991

[91.1.r]   Differential Geometry, Integral Geometry and Stochastic Geometry, (Spanish); *Noticiero de la Un. Mat. Argentina*, 1991.

[91.2.e]   Mathematical olympiads, (Spanish); *Revista de educación matemática* **6** (1991), 21-36.

[91.3.g]   Fractals and chaotic systems, (Spanish); *Rev. Inst. Tecnológico de Buenos Aires* **14**, 1991.

[91.4.e]   (With other authors). Miss: What is statistics?, (Spanish); *República Argentina, Editorial COPEA*, Buenos Aires, 1991.

[91.5.e]   Mathematic in the high school, (Spanish); *Pensar y repensar la educación*, Academia Nacional de Educación, Buenos Aires, (1991) 529-556. Lecture given when he was elected member of the Academia Nacional de Educación, April 3, 1989.

1992

[92.1.g]   Ernest Corominas (1913–1992), (Spanish); *Rev. Un. Mat. Argentina* **38** (1992), 157–158. (1993).

[92.2.g]   Mathematics and general culture, (Spanish); *SUMA*, Huelva **10** (1992), 4–8.

[92.3.g]   Fractal sets, (Spanish); *Elementos de Matemática* **1** (1992), 5–26.

[92.4.g]   Science in Spanish America throughout the five hundred years since its discovery, (Spanish); *An. Acad. Ci. Ex. Fis. Nat.*, Buenos Aires **44**, 1992.

1993

[93.1.b]   Mathematics I for basic general teaching (initiation to creativity) (Spanish); *Kapelusz*, Buenos Aires, 1993.

[93.2.e]   Geometry in the forming of teachers, (Spanish); *Red Olímpica*, Buenos Aires, 1993. 115 pp.

1994

[94.1.b]   Mathematics: A philosophy and a technique, (Catalan); *Vic: Eumo editorial*, 1993; (Spanish), *Ariel*, Barcelona, 1994.

[94.2.b]   Mathematics II for basic general teaching (initiation to creativity), (Spanish); *Kapelusz*, Buenos Aires, 1994.

[94.3.e]   The teaching of mathematics in intermediate education (directed by Victor Garcia Hoz), (Spanish); *Rialp,* Madrid, **14**.

[94.4.e]   (With other authors). Focus on a humanistic didactics of mathematics, (Spanish); *Troquel*, Buenos Aires, 1994, 245 pp. Contains: "Contributions to continue teaching mathematics", "Probabilities, chance and statistics", "The Euler graphs, the Escher mosaics and the Moebius band".

[94.5.e]   (With Palacios and Giordano). About education and Statistics, (Spanish); *Serie Eureka, Kapelusz,* Buenos Aires 1994. 111 pp.

1995

[95.1.b]   Mathematics IIII for basic general teaching (initiation to creativity), (Spanish); *Kapelusz*, Buenos Aires, 1995.

[95.2.r]   Foundations of stereology in three-dimensional hyperbolic spaces, (Spanish); *Rev. Acad. Canaria Cienc.* **7** (1995), 117-134.

[95.3.g]   Manuel Balanzat (1912–1994), (Spanish); *Rev. Un. Mat. Argentina* **39** (1995), 235–239.

1997

[97.1.g]   (With López de Aráoz). Dr. Raúl Ernesto Luccioni (1927–1997), (Spanish); *Rev. Un. Mat. Argentina* **40** (1997), 159–160.

[97.2.g]   José Babini, mathematician, (Spanish); *Saber y tiempo*, Buenos Aires **3**, 1997.

[97.3.e]   Mathematic for teachers, (Spanish); *Épsilon, Rev. Soc. Mat. Thales*, SAEM, Sevilla **38**, 1997.

2002

[02.1.g]   History of the Unión Matemática Argentina, 1936–1996, (Spanish); *Rev. Un. Mat. Argentina* **43** (2002), 1–38.

2004

[04.1.b]   Integral Geometry and Geometric Probability. 2nd ed., (with a foreword by Marc Kac), *Cambridge University Press*, 2004.

He also contributed to many works by other authors. For example, he wrote the prologue to the following: "Philosophy of the natural laws (Spanish)" by D. Papp, *Troquel* 2^a ed., Buenos Aires, 1980; "Doing geometry (Spanish)" by P. Marbah and L. Saidón, *Centro de Investigación Babbage*, Buenos Aires, 1997; "Traveling in space-time" (Spanish) by I. Hernaiz and C. Ottolengui, *Troquel*, Buenos Aires, 1990. He also collaborated on "Probabilities and statistic: its teaching (Spanish) by J. Foncuberta, *Conicet*, Buenos Aires, 1996; "Matemática moderna, matemática viva" by A. Revuz *OCDL*, Buenos Aires, 1965; "Problems in the teaching of mathematics" by J. Bosch et al. *Conceptos de Matemática*, Buenos Aires 1980.