Publications of
Eliane & Roger Herz-Fischler

I. Eliane Herz-Fischler

"'Le Jeu de l'amour et du hazard', une étude sur les mots d'amour à la rime dans le théâtre du XVII siècle." *Language and Style* 16 (1983), pp. 334-342. (with R. Herz-Fischler)

"Juan Gris, son milieu et le 'nombre d'or'." *Canadian Art Review* 7 (1980), pp. 33-36. (with R. Fischler).

La Dramaturgie de Thomas Corneille. Thesis for the doctorat de l'université, Université de Paris III (1977). (written using the name "Eliane Herz Fischler").

"La Tragi-comédie en France de 1600 à1640." *L'Information Littéraire* 25 (1973), pp. 199-207. (written using the name "Eliane Fischler").

"Les sciences en Nouvelle-France." *Le Jeune scientifique* 5 (1967), pp. 142-144. (with R. Fischler).

II. Roger Herz-Fischler

This list is divided into 5 parts:

1. Publications on "Division in Extreme and Mean Ratio."
2. Publications on "Golden Numberism"
3. Miscellaneous Publications
4. Publications in Probability Theory
5. Textbooks & Pedagogical Articles

Within each part the items are listed in *reverse* chronological order.

N.B. All articles before 1982 were written using the name "Fischler" .

1. Publications on "Division in Extreme and Mean Ratio."

"A 'Very Pleasant' Theorem." *College Mathematics Journal* 24 (1993), pp. 318-324.

"Theorem XIV,** of the First 'Supplement' to Euclid's *Elements*." *Archives internationales d'histoire des sciences* 38 (1988), no. 120, pp. 3-66.

A Mathematical History of Division in Extreme and Mean Ratio. Waterloo, Wilfrid Laurier University Press. 1987. Reprinted with additions and corrections as *A Mathematical History of the Golden Number*. New York, Dover, 1998. [Selected by *Choice*, April 1988, p. 1277 as "one of the outstanding academic books of 1987."]

"[Letter to the Editor, related to the next article (1985)]." *Fibonacci Quarterly* 24 (1986), p. 382.

"De quand date le premier rapprochement entre la suite de Fibonacci et la division en extrême et moyenne raison?" *Centaurus* 28 (1985), pp. 129-138. (with L. Curchin).

"What are Propositions 84 and 85 of Euclid's *Data* All About?" *Historia Mathematica* 11 (1984), pp. 86-91.

"Hero of Alexandria's Numerical Treatment of Division in Extreme and Mean Ratio and its Implications." *Phoenix* 35 (1981), pp. 129-133. (with L. Curchin).

"A Remark on Euclid II, 11." *Historia Mathematica* 6 (1979), pp. 418-422.

2. Publications on "Golden Numberism"

"The Home of Golden Numberism." *The Mathematical Intelligencer*, 27, no. 1 (2005), pp. 69-71.

Adolph Zeising (1810-1876)/The Life and Work of a German Intellectual. Ottawa: Mzinhigan Publishing, 2004.

The Shape of the Great Pyramid. Waterloo, Wilfrid Laurier University Press, 2000.

"Le nombre d'or en France de 1896 à1927." *La Revue de l'art* 118 no. 4 (1997), pp. 9-16.

"The Golden number, and Division in Extreme and Mean Ratio." in *Companion Encylopedia of the History and Philosophy of the Mathematical Sciences*, London, Routledge, 1994, pp. 1576-1584.

"Le Corbusier's 'Regulating Lines' for the Villa at Garches (1927) and Other Early Works." *Journal of the Society of Architectural Historians* 43 (1984), pp. 53-59.

"An Examination of Claims Concerning Seurat and 'The Golden Number'." *Gazette des beaux arts* 125 (1983), pp. 109-112.

"[Comment on an Article by D. Chen]." *Palestine Exploration Quarterly* 114 (1982), pp. 77-78.

"How to Find the 'Golden Number' Without Really Trying." *Fibonacci Quarterly* 19 (1981), pp. 406-410.

"On Applications of the Golden Ratio in the Visual Arts." *Leonardo* 14 (1981), pp. 31-32.
See also the correspondence in connection with this article:
"[Reply to a Letter by P. Khan]." *Leonardo* 14 (1981), pp. 262-64.
"[Reply to a Letter by R. Arnheim]." *Leonardo* 14 (1981), pp. 349-51.

"Juan Gris, son milieu et le 'nombre d'or'." *Canadian Art Review* 7 (1980), pp. 33-36. (with E. Fischler).

"The Early Relationship of Le Corbusier to the 'Golden Number'." *Environment and Planning B* 6 (1979), pp. 95-103.

"What did Herodotus Really Say? or How to Build (a Theory of) the Great Pyramid." *Environment and Planning B* 6 (1979), pp. 89-93.

"On Aesthetic and Other Theories Involving the Golden Number." Polycopied article for private circulation, 1979.

"Théories mathématiques de la Grande Pyramide." *Crux Mathematicorum* 4 (1978), pp. 122-129.

3. Miscellaneous Publications

"Pick a Number!" *Mathematics Magazine*, to appear in 2017?
The tables and Octave code are available at `web.ncf.ca/en493/`.

"Geographical Boundary Extrema." *American Mathematical Monthly* 98 (1991), pp. 752-753. (with HelenJane Armstrong). [What is the highest point in Florida? British Columbia?, Alberta?]

"Dürer's Paradox or Why an Ellipse is Not Egg-Shaped." *Mathematics Magazine* 63 (1990), pp. 75-85, cover article.

"'Le Jeu de l'amour et du hazard', une étude sur les mots d'amour à la rime dans le théâtre du XVII siècle" , *Language and Style* 16 (1983), pp. 334-342. (with E. Herz-Fischler)

"Le calcul des probabilitiés." *Le Jeune Scientifique* 6 (1968), pp. 145-148.

"Les sciences en Nouvelle-France." *Le Jeune scientifique* 5 (1967), pp. 142-144. (with E. Fischler).

4. Publications in Probability Theory

"Véleten-indexes, hatàreloszlàsok eros invariancia-tételek segítségével (Random Limit Theorems via Strong Invariance Principles)." *Matematikai Lapok* 26 (1978), pp. 39-66. (with M. Csörgo, S. Csörgo, P. Révész)

"Convergence faible avec indices aléatoires." *Annales institut Henri Poincaré* 12 (1976), pp. 391-399.

"Quelques théorèmes limites du calcul des probabilitès dont la valeur limite dépend d'une variable aléatoire." *Annales Institut Henri Poincaré* 9 (1974), pp. 345-349.

"Some Results and Examples in the Theory of Mixing and of Random-Sum Central Limit Theorems." *Periodica Mathematica Hungarica* 3 (1973), pp. 1940-1957. (with M. Csörgo).

"Stable Sequences of Random Variables and the Weak Convergence of the Related Empirical Measures." *Sankhya A 33* (1971), pp. 67-72.

"On Mixing and the Random-Sum Central Limit Theorem." *Tohoku Mathematics Journal* 223 (1971), pp. 139-145. (with M. Csörgo).

"Suites de bi-probabilités stables." *Annals de la faculté des sciences de l'université de Clermont* 43, mathématiques fasicule no. 6 (1970), pp. 159-167.

"Departure From Independence – The Strong Law, Standard and Random-Sum Central Limit Theorems." *Acta. Math. Acad. Sci. Hungary* 21 (1970), pp. 105-114. (with M. Csörgo).

"Decomposition and Composition of Mixing Sequences." *Journal of Mathematical Analysis and Applications* 21 (1968), pp. 389-395.

"The Strong Law of Large Numbers for Indicators of Mixing Sequences." *Acta. Math. Acad. Sci. Hungary* 18 (1967), pp. 71-81.

"Borel-Cantelli Type theorems for Mixing Sets." *Acta. Math. Acad. Sci. Hungary* 18 (1967), pp. 67-69.

5. Textbooks & Pedagogical Articles

"Doing Math[ematic]s Algorithmically in the Age of the Computer." *Gazette of the Ontario Association for Mathematics Education*, June 2015, pp. 36–38.
Available on-line at: `web.ncf.ca/en493/`.

An Introduction to Octave for High School and University Students. Ottawa: Mzinhigan Publishing, 2014, 2016.
Available on-line at: `people.math.carleton.ca/~rhfischl/`.

A Guide to Matlab, 5th edition. Ottawa: Mzinhigan Publishing, 2002, 2016
Available on-line at: `people.math.carleton.ca/~rhfischl/`.

Probability and Statistics: An Engineering Approach, 6th edition. Ottawa: Mzinhigan Publishing, 2002.

"Proportions in the Architecture Curriculum." *Nexus Network Journal*, 3 (2001), no. 2, pp. 163-188.
Available on-line at: `www.emis.de/journals/NNJ/Didactics-RHF.html`.

University Calculus for Canadian Students of Business and Economics. Ottawa: Mzinhigan Publishing, 1987.

Shape, Form, Space: An Algorithmic Approach. 1983. Ottawa: Privately published.

"A Mathematics Course for Architecture Students." *International Journal of Mathematics Education* 7 (1976), pp. 221-232.