

# 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<sup>e</sup> 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 à 1640.” *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).  
*Ma Famille*. Ottawa, Mzinghan Publishing, 2013.

## II. Roger Herz-Fischler

This list is divided into 6 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
6. Genealogy

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 à 1927." *La Revue de l'art* 118 no. 4 (1997), pp. 9-16.
- "The Golden number, and Division in Extreme and Mean Ratio." in *Companion Encyclopedia 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/](http://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 probabilités." *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

- “Véletlen-indexes, határeloszlások 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 probabilités 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 fascicule 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/](http://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/](http://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/](http://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](http://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.

## 6. Genealogy

*An Alsatian Jewish Story / The Ancestors of Coralie Weill of Marmoutier.* Ottawa, Mzinhigan Publishing, 2018.

*A Triple Love Story / The Ancestors of Eliane Herz and Roger Fischler.* Ottawa, Mzinhigan Publishing, 2021.