ARTICLES, ETC.

Articles

"Point groups and color symmetry", Zeitschrift fur Kristallographie, 142, 1975, 1-23.


"Number, the ruler of all things", Smith Alumnae Quarterly, February, 1978, 12-18.

"Themes and variations", Criss-Cross Art Communications, 7,8,9; 1979, 40-45.

"Color groups", Discrete Applied Mathematics, 1, 1979, 51-73.

"Recent advances and unsolved problems in symmetry theory", in Uzori Symmetrii. In Russian. (with R.V. Galiulin)


"From symmetry to disorder: A Personal Odyssey" (1991 Engel Lecture; published in *Five College Ink*, Five Colleges, Inc., Amherst, MA, May 1991.)

"Quasicrystals and mathematics", *Phase Transitions*, V. 43, Nos 1-4, Section B (Special Issue on Modulated structures, Polytypes, and Quasicrystals, Part I, edited by M. Farkas-Jahnke and E. Pál), 1993, pp. 27-34.


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“Hardy as Mentor,” *The Mathematical Intelligencer*, vol. 29, no. 1, winter 2006

“Thoughts on ‘crystal,’”, *Zeitschrift f. Kristallographie*, 222 (2007), 311


“Quasicrystals: the View from Stockholm,” with Jean Taylor, in preparation

**Book chapters**

"The formation of penetration twins", in *Processes of Real Crystal Formation*, edited by N.V. Belov, Nauka, Moscow, 1977, 61-64, in Russian. (with N.N. Sheftal)


"Isohedral parallelotopes", to appear in a volume of essays honoring the centenary of Fedorov's enumeration of the space groups, Moscow, 1991.

"Visualization and visual thinking", in *Geometry's Future*, a COMAP publication.


“The Last Second Wrangler,” in *The Shape of Content* (see above).

**Book Reviews**


Reviewer for mathematics, physics, and crystallography journals, scholarly book publishers, and the National Science Foundation

**Miscellaneous**


Collaborator, with playwright and composer Ellen Maddow, on the mathematical music theater “Delicious Rivers” (LaMama Cafe, New York, January and February, 2006; Smith College, Northampton, October and November, 2006).


*Pasteur in Alais*, a closet-drama, 2008,