

KUDOS! (THANKS, NEW APPOINTMENTS, PROJECTS, ETC.)

The Editors wish to thank John Hosack (Suva, Fiji) and William S. Huff (Buffalo, New York) for their "symmetric" (regular) help of almost infinite order during the preparation of this issue of the Quarterly.

Paulus Gerdes (Mozambique) accepted the position of Rector (President) of the Instituto Superior Pedagógico, Maputo, and left his earlier position as Dean of the Faculty of Mathematical Sciences, Eduardo Mondlane University. Kudos, moreover kudos squared, because he made a significant contribution to the scholarly life of Africa by editing the *AMUCHMA-Newsletter* (African Mathematical Union, Commission of the History of Mathematics in Africa), available free of charge in Arabic, English and French versions. This periodical is very useful for interested people, giving regular information, for example, about meetings, research interests, suggestions for further research, education, and literature. We find especially useful the section "Have you read?", where not only current, but also old or even classical works are listed and reviewed briefly. We will maintain close connection with the *AMUCHMA-Newsletter*, sharing the "symmetrically" interesting ideas. For more information, please turn to Paulus Gerdes (see his address at the list of the Board of ISIS-Symmetry).

Koji Miyazaki (Japan) accepted the position in the Department of Graphics, College of Liberal Arts, Kyoto University (Yoshida, Sako-ku, Kyoto 606, Japan), not long ago. His well-known book *An Adventure in Multidimensional Space* (New York: Wiley, 1986), an interesting synthesis of artistic and mathematical ideas, gives his old address in Kobe. We hope he will continue his symmetric adventures in various spaces.

Emanuel Dimas de Melo Pimenta's (Portugal) new compact disk *Digital Music* has been released very recently by Mode (U.S.A.). The CD includes four pieces: *Rings, Rozart, Structures II, Short Waves 1985*. Note that it is a part of a series of records (Mode 21), which also includes the CDs of John Cage (Mode 1/2, 3/6, 17) and George Crumb (Mode 20). The music was recorded in Pimenta's Studio. The CD is accompanied by a small booklet, which is an optimum compromise, revealing something of the mathematical methodology of the composer, but without over-explaining it. Another piece of news from Pimenta (kudos squared!) is that he completed the manuscript of the English version of his book *Tapas* published originally in Portuguese.

Itsuo Sakane (Japan) organized (again!) a very successful scientific-artistic exhibition in his home country entitled *Wonderland of Science-Art: Invitation to Interactive Art* (November 1989). The participants included not only Japanese artists, but also many overseas pioneers of the field from both Northern America and Europe. Sakane also moderated a one-day symposium with the artists. The well-illustrated catalog is published by the Committee for Kanagawa International Art and Science Exhibition. Another news item from Sakane is that he accepted a professorship at the newly built campus of Keio University in April of 1990, where he teaches "Art and Science" courses (Faculty of Environmental Information, Keio University at Shonan Fujisawa Campus, 5322 Endoh, Fujisawa 252, Japan). We wish him success in this new position, as well as continuation of his interest in organizing exhibitions.

Dennis Sharp (Epping Green, England) has recently been appointed as Executive Editor of *World Architecture* which is published in London on behalf of the International Academy of Architecture (IAA), and as one of the Directors of a research group concerned with architectural theory and criticism of the same Academy. Another current engagement of Dennis Sharp is the production of a new journal *Architecture and Building Book Review*. Items for review should be sent to his office: 1 Woodcock Lodge, Epping Green, Hertford SG13 8ND, England. Kudos cubed!

NEW PUBLICATIONS

Those works which are reviewed in Symmetro-graphy are marked by asterisk ().*

Johann Jakob Burckhardt, *Die Symmetrie der Kristalle: Von René-Just Haüy zur kristallographischen Schule in Zürich*. [The Symmetry of Crystals: From René-Just Haüy to the Crystallographic School in Zürich, in German], Basel: Birkhäuser, 1988, 195 pp. (*)

Giuseppe Caglioti, *Symmetriebrechung und Wahrnehmung: Beispiele aus der Erfahrungswelt*. [Symmetry-Breaking and Perception: Examples from the Empirical World, in German], Trans. from Italian by G.-A. Pogatschnigg, Braunschweig: Vieweg, 1990, x + 200 pp. (*)

Donald W. Crowe, *Symmetries of Culture: Theory and Practice of Plane Pattern Analysis*. Seattle: University of Washington Press, 1988, x + 299 pp. (coauthor: Dorothy K. Washburn)

Werner Fischer and Elke Koch, New surface patches for minimal balance surfaces. Parts 3 and 4, *Acta Crystallographica*, A45 (1989), 485-490 and 558-563.

[Many participants of the First ISIS-Symmetry Symposium (Budapest 1989) remember the two lectures of the authors, as well as the exhibition of the not only geometrically, but also visually, interesting models of minimal surfaces. These two articles – written "symmetrically" by Fischer and Koch, Part 3, and Koch and Fischer, Part 4 – include some photographs of the same models.]

Werner Hahn, *Symmetrie als Entwicklungsprinzip in Natur und Kunst*. [Symmetry as a Developmental Principle in Nature and Art, in German], Königstein: Langewiesche, 1989, 320 pp. (*)

Slavik V. Jablan, *Theory of Symmetry and Ornament*. [Preprint Edition], Belgrade: Mathematical Institute, 1989, 261 pp.

Roger V. Jean, *Mathematical Approach to Pattern and Form in Plant Growth*. [in Chinese], Beijing: Academic Publisher, 1990, 18 + 224 pp. (*)

Vojtěch Kopský, Subperiodic groups as factor groups of reducible space groups. *Acta Crystallographica*, A45 (1989), 805-815; Subperiodic classes of reducible space groups. *ibid.*, 815-823.

Klaus Mainzer, *Symmetrien der Natur: Ein Handbuch zur Natur- und Wissenschaftsphilosophie*. [Symmetries of Nature: A Handbook on the Philosophy of nature and Science, in German], Berlin: Gruyter, 1988, xii + 739 pp. (*)

Dénes Nagy, Dynamische Symmetrie (Goldener Schnitt) als Organisationsprinzip im Raum und Zeit. [Dynamic symmetry (golden section) as an organizing principle in space and time, in German with English summary], *Polyaisthesis*, 4 (1989), no. 1, 88-102 and 113.

Erzsébet Tusa, Bartók und die Naturformen: Der goldener Schnitt. [Bartók and the forms of nature: The golden section, in German with English summary], *Polyaisthesis*, 4 (1989), no. 1, 78-87 and 113.

Nik Warren, editor, *IS Journal*, nos. 7-8 (1989). It is a bi-yearly publication of International Synergy.

