

the points of intersection of the plane normals with the sphere of projection (Kleber, 1985).

Software environment: The source code is written in Turbo Pascal 7.0. The distribution package includes an executable version for both the real and the protected DOS mode. No other libraries are necessary. The program offers a user-friendly graphical user interface (GUI) that is fully mouse-controlled except for the data input.

Hardware environment: The program runs on IBM-compatible PCs under MSDOS 6.0 and higher. The unpacked distribution takes about 400 kbytes of disk space. The program uses VGA graphics and an IBM-compatible mouse. Output is in the form of PostScript files, which then can be sent to a PostScript printer or viewed with public domain software such as *GHOSTSCRIPT*.

Program specification: *STEREOGRAMS* is interactive and allows change to a new orientation either by manual input or by a click on the Wulff net. All (*hkl*) can be indexed on screen. Angles between any two (*hkl*) can be calculated and rotations by φ and ρ in the Wulff net are possible. It is also possible to select the hemisphere of the sphere of projection to be displayed. (upper/lower or both). The output PostScript file displays a 20 cm Wulff net with the fully indexed stereogram.

Documentation: Since the usage is self-evident from the GUI, there is no need for an extensive manual. Instead, some online help is provided. Furthermore, the distribution includes an example PostScript file and some input files.

Availability: *STEREOGRAMS* can be obtained by anonymous FTP from <ftp.nirim.go.jp/pub/education/dos/stereogram/steregm.exe> or by downloading from the author's home page at <http://www.nirim.go.jp/~weber/>.

Keywords: Stereographic projection, Wulff net, arbitrary orientation, auto-indexed PostScript output, GUI.

References

Kleber, W. (1985). *Einführung in die Kristallographie*. Berlin: VEB Verlag Technik.

Crystallographers

This section is intended to be a series of short paragraphs dealing with the activities of crystallographers, such as their changes of position, promotions, assumption of significant new duties, honours etc. Items for inclusion, subject to the approval of the Co-editors, should be sent to The Executive Secretary, 2 Abbey Square, Chester CH1 2HU, England.

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The retirement of Professor **Jinzo Kobayashi** from the Department of Applied Physics, Waseda University, Tokyo, after his association with it of over fifty years, was celebrated on 2nd March 1996 in the University's International Convention Center. A distinguished audience of about 200 crystallographers, physicists and other guests heard a lecture by Professor Kobayashi on 'Chiral Physics' and another on 'Crystal Optics, Ferroelectricity and Prof. Kobayashi' by Professor S. C. Abrahams. Prior to the series of papers published by Professor Kobayashi in the *Journal of Applied Crystallography* on his High-Accuracy Universal Polarimeter, the shapes and dimensions of the gyration surfaces for nearly all optically active crystals were unknown. His major experimental and theoretical breakthrough in developing HAUP has led to the ability to determine the birefringence, optical activity and indicatrix rotation in crystals of any symmetry, whether dichroic or not, in addition to their full electrogyration and electro-optic tensors. The celebration concluded with an elegant farewell party at which many speeches commemorated Professor Kobayashi's scientific work and life.

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