in cases where only two or three Fourier-Bessel terms overlap to produce the observed intensity), the equal-amplitude assumption can be of great value in fiber diffraction analysis, both to be sure of obtaining an unbiased map, and to obtain a map when no reasonable preliminary model is available. In view of the difficulties often experienced when attempting to make heavy-atom derivatives of fibrous assemblies, this conclusion has great potential value in studies of viruses, cytoskeletal elements, and other biological filaments.

The structures of TMV and CGMMV-W are clearly very similar, at least in the α -helical core. At 5 Å resolution, it is not possible to say how CGMMV-W compensates, if at all, for the loss of Glu 50 and Asp 77; however, the overall similarity of the two viruses permits us to speculate that CGMMV-W may contain another pair of carboxylates serving the same function. Any of the residues Asp 42, Glu 46, Asp 126 and Glu 130 might be involved in this, but higher-resolution structural analysis will be necessary before any definitive statement can be made.

We thank Rekha Pattanayek for valuable discussions. This work was supported by NIH grant GM33265 and NSF grants BBS-87179149 and BBS-8607624.

References

Blundell, T. L. & Johnson, L. N. (1976). Protein Crystallography. New York: Academic Press.

CHAMPNESS, J. N., BLOOMER, A. C., BRICOGNE, G., BUTLER, P. J. G. & KLUG, A. (1976). *Nature* (*London*), **259**, 20-24.

CHOTHIA, C. (1975). Nature (London), 254, 304-308.

Franklin, R. E. & Klug, A. (1955). Acta Cryst. 8, 777-780. Gregory, J. & Holmes, K. C. (1965). J. Mol. Biol. 13, 796-801. Jones, T. A. (1982). In Computational Crystallography, edited by D. Sayre, pp. 303-317. Oxford Univ. Press.

KLUG, A., CRICK, F. H. C. & WYCKOFF, H. W. (1958). Acta Cryst. 11, 199-213.

LOBERT, S. (1989). PhD thesis. Vanderbilt Univ., Nashville, TN, USA.

LOBERT, S., HEIL, P., NAMBA, K. & STUBBS, G. (1987). J. Mol. Biol. 196, 935-938.

MAKOWSKI, L. (1981). J. Appl. Cryst. 14, 160-168.

MAKOWSKI, L. (1982). J. Appl. Cryst. 15, 546-557.

MESHI, T., KIYAMA, R., OHNO, T. & OKADA, Y. (1983). Virology, 127, 54-64.

Namba, K., Caspar, D. L. D. & Stubbs, G. (1985). Science, 227, 773-776.

Namba, K., Pattanayek, R. & Stubbs, G. (1989). *J. Mol. Biol.* **208**, 307-325.

NAMBA, K. & STUBBS, G. (1985). Acta Cryst. A41, 252-262.

NAMBA, K. & STUBBS, G. (1986). Science, 231, 1401-1406.

NAMBA, K. & STUBBS, G. (1987). Acta Cryst. A43, 64-69.

STARK, W., NAMBUDRIPAD, R. & MAKOWSKI, L. (1990). Submitted.

STUBBS, G. & DIAMOND, R. (1975). *Acta Cryst.* **A31**, 709–718. STUBBS, G. & MAKOWSKI, L. (1982). *Acta Cryst.* **A38**, 417–425. STUBBS, G., NAMBA, K. & MAKOWSKI, L. (1986). *Biophys. J.* **49**,

WASER, J. (1955). Acta Cryst. 8, 142-150.

International Union of Crystallography

Acta Cryst. (1990). A46, 997-998

Prices of Acta Crystallographica and Journal of Applied Crystallography

The Executive Committee of the International Union of Crystallography has determined the following subscription rates and prices of back numbers for Acta Crystallographica and Journal of Applied Crystallography as from 1 January 1991.

Acta Crystallographica

The following rates will apply for Volumes A47, B47 and C47 (1991). All subscription rates are fixed in Danish kroner. The US dollar equivalents are no longer given because of rapid fluctuations in exchange rates.

Complete volumes, regular price per volume

Sections A. B & C

(combined subscription)	Dkr 6700
Section A only	Dkr 1610
Section B only	Dkr 1610
Section C only	Dkr 3800

Complete volumes, reduced price for individuals

Sections A, B & C

Dkr 1840
Dkr 450
Dkr 450
Dkr 1080

All subscribers in the USA, Canada and Japan should add to the above subscription rates the additional charges for airfreighting as mentioned below.

The reduced-rate subscriptions are ordinarily only available to members of recognized scientific societies, and applications must be accompanied by a written undertaking that the journal is for the personal use of the subscriber and will not be made available to libraries, institutions etc. These conditions also apply to persons wishing to order back numbers at the reduced rates.

Single parts

The price of single parts of any Section of Volume 47 (1991) is Dkr 370.

Journal of Applied Crystallography

The following rates will apply for Volume 24 (1991). All subscription rates are fixed in Danish kroner. The US dollar

equivalents are no longer given because of rapid fluctu-. ations in exchange rates.

Complete volumes, regular pr	rice
------------------------------	------

Complete volumes, regular price		
per volume	Dkr 1470	
Complete volumes, reduced price		
for individuals	Dkr 400	

All subscribers in the USA, Canada and Japan should add to the above subscription rates the additional charge for airfreighting as mentioned below.

The same conditions apply to reduced-rate subscriptions as in the case of Acta Crystallographica (see above).

Single parts

The price for single parts of Volume 24 (1991) is Dkr 370.

Air freighting of copies to the USA, Canada and Japan

Deliveries of Acta Crystallographica and Journal of Applied Crystallography to the USA, Canada and Japan in 1991 will continue to be by air freight. The use of this service is obligatory for all subscribers in those countries. The charges in Danish kroner are as given below.

Acta Crystallographica

Sections A, B & C	
(combined subscription)	Add Dkr 380
Section A only	Add Dkr 90
Section B only	Add Dkr 90
Section C only	Add Dkr 220
Journal of Applied Crystallography	Add Dkr 70

Prices of back numbers

All these prices are fixed in Danish kroner. The US dollar equivalents are no longer given because of rapid fluctuations in exchange rates.

Acta Crystallographica

Complete volumes, regular price per volume

Vols. 1-23	Dkr 1610
Combined Vols. 24-38	Dkr 5820
Combined Vols. 39-46	Dkr 6700
Vols. A24-A46	Dkr 1610
Vols. B24-B38	Dkr 4430
Vols. B39-B46	Dkr 1610
Vols. B39-B46	Dkr 1610
Vols. C39-C46	Dkr 3800

Complete volumes, reduced price for individuals

Vols. 1-23	Dkr 450
Combined Vols. 24-38	Dkr 1640
Combined Vols. 39-46	Dkr 1840
Vols. A24-A46	Dkr 450

Vols. B24-B38	Dkr 1330
Vols. B39-B46	Dkr 450
Vols. C39-C46	Dkr 1080

Single parts

Single parts of Volumes 1-23 are not available. The price of single parts of any Section of other Volumes is Dkr 370.

Cumulative Indexes, regular price

Vols. 11-23 (1958-1967)	Dkr 120
Vols. 24-28 (1968-1972)	Dkr 120
Vols. 29-38 (1973-1982)	Dkr 150
Vols. 39-43 (1983-1987)	Dkr 150

Cumulative Indexes, reduced price for individuals

Vols. 11-23 (1958-1967)	Dkr 60
Vols. 24-28 (1968-1972)	Dkr 60
Vols. 29-38 (1973-1982)	Dkr 75
Vols. 39-43 (1983-1987)	Dkr 75

A few copies of the cumulative index for Volumes 1-10 (1948-1957) are also available, free of charge.

Journal of Applied Crystallography

Complete volumes, regular price per volume

Vols. 1–23	Dkr 14/0
Complete volumes, reduced price f	for individuals
Vols. 1-23	Dkr 400

Single parts

The price of single parts of any volume is Dkr 370.

Cumulative Indexes to Vols. 1-20 (1968-1987)

Regular price	Dkr 150
Reduced price for individuals	Dkr 75

Orders

Orders for Acta Crystallographica and Journal of Applied Crystallography may be addressed to Munksgaard International Publishers Ltd, 35 Nørre Søgade, DK-1370 Copenhagen K, Denmark. Orders from subscribers in North America may alternatively be placed through Polycrystal Book Service, PO Box 3439, Dayton, OH 45401, USA.

Acta Cryst. (1990). A46, 998

Bimonthly publication of Section A

From January 1991, Acta Crystallographica Section A will be published bimonthly. Additionally, Fast Communications will be published in Sections A and B of Acta Crystallographica and in Journal of Applied Crystallography.