

PUBLICATIONS: W. CLEGG 1981

45. Faster data collection without loss of precision. An extension of the learnt profile method  
W. Clegg.  
*Acta Cryst.* 1981, **A37**, 22–28.
46. Spectroscopic studies of *trans*-bis(hexafluoroarsenato)tetrakis(thiazyl trifluoride)metal(II) complexes (M = Mn, Fe, Co, Ni, or Cu); crystal structure of the manganese(II) complex: an example of exceptionally short N–S bonds and of  $\text{AsF}_6^-$  as a unidentate ligand  
B. Buss, W. Clegg, G. Hartmann, P. G. Jones, R. Mews, M. Noltemeyer and G. M. Sheldrick.  
*J. Chem. Soc. Dalton Trans.* 1981, 61–63.
47. Diruthenium(II) tetrakis-6-methyl-2-oxypyridine,  $[\text{Ru}_2(\text{mhp})_4]$ , and comparisons of the metal–metal bonding in  $[\text{M}_2(\text{mhp})_4]$  (M = Mo, Ru or Rh) complexes  
M. Berry, C. D. Garner, I. H. Hillier, A. A. MacDowell and W. Clegg.  
*Inorg. Chim. Acta* 1981, **53**, L61–L63.
48. Crystal structures of thionitrosyl hexafluoroantimonate(V) and thionitrosyl undecafluoro-diantimonate(V) at 293 K and of thionitrosyl undecafluorodiantimonate(V) at 121.5 K: the effect of thermal motion on the apparent NS bond length  
W. Clegg, O. Glemser, K. Harms, G. Hartmann, R. Mews, M. Noltemeyer and G. M. Sheldrick.  
*Acta Cryst.* 1981, **B37**, 548–552.
49. Difluorosilanediy-1,1'-bis(2,2,4,4,6,6-hexamethylcyclotrisilazane)  
W. Clegg, M. Noltemeyer, G. M. Sheldrick and N. Vater.  
*Acta Cryst.* 1981, **B37**, 986–987.
50. Bis[di-*tert*-butyl(*tert*-butylamino)silyl]acetylene  
W. Clegg, U. Klingebiel, J. Neemann, G. M. Sheldrick and N. Vater.  
*Acta Cryst.* 1981, **B37**, 987–989.
51. A 2,3,9,10-tetraaza-1,6,8,12-tetrasiladispiro[4.1.4.1]dodeca-3,10-diene *via* dimerization of a heterocycle with exocyclic Si=C double-bond  
W. Clegg, U. Klingebiel, S. Pohlmann, G. M. Sheldrick and P. Werner.  
*Angew. Chem. Internat. Edit. Engl.* 1981, **20**, 383–384.
52. Synthesis and crystal structure of a dimeric 1,2-diaza-3-sila-3,5-cyclopentadiene  
W. Clegg, U. Klingebiel, G. M. Sheldrick and P. Werner.  
*Angew. Chem. Internat. Edit. Engl.* 1981, **20**, 384–385.
53. The learnt-profile method in four-circle diffractometry: the variation of reflexion peak width  
W. Clegg.  
*Acta Cryst.* 1981, **A37**, 437.
54. Least-squares refinement of unit-cell parameters from precession photographs  
W. Clegg.  
*Acta Cryst.* 1981, **A37**, 437–438.
55. Corrections to equations in §3 of *International Tables for X-Ray Crystallography*, Vol. IV  
W. Clegg.  
*Acta Cryst.* 1981, **A37**, 438.
56. Structure and chemical bonding in dimethylacetamide compounds of the acids  $\text{HPF}_6$ ,  $\text{HAsF}_6$  and  $\text{HSbF}_6$   
P. Behmel, W. Clegg, G. M. Sheldrick, G. Weber and M. Ziegler.  
*J. Mol. Struct.* 1981, **74**, 19–28.

57.  $[\text{Mo}_2\text{S}_{10}]^{2-}$ , a complex with terminal sulfido, bridging sulfido, persulfido, and tetrasulfido groups  
W. Clegg, G. Christou, C. D. Garner and G. M. Sheldrick.  
*Inorg. Chem.* 1981, **20**, 1562–1566.
58. Coordination of dimethyl(thionitroso)amine to pentacarbonylchromium via the sulfur atom  
H. W. Roesky, R. Emmert, W. Clegg, W. Isenberg and G. M. Sheldrick.  
*Angew. Chem. Internat. Edit. Engl.* 1981, **20**, 591–592.
59. 2,3:4,6-Di-*O*-isopropylidene-5-thio- $\alpha$ -D-glucopyranose  
W. Clegg.  
*Acta Cryst.* 1981, **B37**, 1319–1321.
60. Considerations of efficiency and precision in four-circle diffractometry  
W. Clegg.  
*Acta Cryst.* 1981, **A37**, C313–C314.
61. Synthesis and structure of a non-polymeric molecule containing eleven alternating sulfur and nitrogen atoms  
M. Witt, H. W. Roesky, M. Noltemeyer, W. Clegg, M. Schmidt and G. M. Sheldrick.  
*Angew. Chem. Internat. Edit. Engl.* 1981, **20**, 974–975.
62. Cell reduction and lattice symmetry determination  
W. Clegg.  
*Acta Cryst.* 1981, **A37**, 913–915.
63.  $(\text{Ph}_4\text{P})_2[\text{CuCN}(\text{MoS}_4)]$  and  $(\text{Me}_4\text{N})_2(\text{CuCN})_2\text{MoS}_4$ : thiomolybdate ligands on the Cu atoms of a CuCN molecule and a zigzag-CuCN chain  
A. Müller, M. Dartmann, C. Römer, W. Clegg and G. M. Sheldrick.  
*Angew. Chem. Internat. Edit. Engl.* 1981, **20**, 1060–1061.
64. Synthesis and molecular structures of 1,3-diaza-2,4-disilacylobutanes  
W. Clegg, U. Klingebiel, G. M. Sheldrick and N. Vater.  
*Z. Anorg. Allg. Chem.* 1981, **482**, 88–94.