

17. H. C. Duecker and E. Lippincott, Doctoral Thesis, Univ. of Maryland, (1964).
18. H. W. Davies, to be published.
19. D. W. Berreman, Phys. Rev. 130, 2193 (1963).
20. C. L. Bottger and A. L. Geddes, J. Chem. Phys. 46, 3000 (1967).
21. S. S. Mitra, C. Postmus and J. R. Ferraro, Phys. Rev. Letters, 18, 455 (1967).
22. J. R. Jasperse, A. Kahan, J. N. Plendl and S. S. Mitra, Phys. Rev. 146, 526 (1966).
23. C. Postmus, J. R. Ferraro, and S. S. Mitra, Phys. Rev. 174(3), 983 (1968).
24. M. Pagannone and H. G. Drickamer, J. Chem. Phys. 43, 2266 (1965).
25. C. F. Cline and D. R. Stephens, J. Appl. Phys. 36, 2869 (1965).
26. S. S. Mitra, Phys. Stat. Solids, 9, 519 (1965).
27. M. Born and K. Huang, "Dynamical Theory of Crystal Lattices," (Oxford Univ. Press, London, 1954), p. 52.
28. F. Seitz, "Modern Theory of Solids" (McGraw-Hill Book Co., New York, 1940), p. 80.
29. R. A. Cowley, Advan. Phys. 12, 421 (1963).
30. E. R. Cowley and R. A. Cowley, Proc. Roy. Soc. A287, 259 (1965).
31. S. S. Mitra and R. Marshall, J. Chem. Phys. 41, 3158 (1964).
32. C. Postmus, K. Nakamoto and J. R. Ferraro, Inorg. Chem. 6, 2194 (1967).
33. C. Postmus, J. R. Ferraro and K. Nakamoto, unpublished results.
34. R. Bayer and J. R. Ferraro, unpublished results.
35. J. R. Ferraro and C. Postmus, unpublished results.

36. C. Postmus and J. R. Ferraro, unpublished results.
37. A. M. Benson and H. G. Drickamer, Far. Soc. Disc. 39 (1956).
38. Y. Mikawa, R. J. Jakobsen and J. W. Brasch, J. Chem. Phys. 45, 4528 (1966).
39. H. L. Welsh, P. E. Baschler and B. P. Stoicheff, Can. J. Phys. 30, 99 (1952).
40. A. D. May, V. Degen, J. C. Stryland and H. L. Welsh, Can. J. Phys. 39, 1769 (1951).
41. C. Postmus, V. A. Maroni, J. R. Ferraro and S. S. Mitra, Inorg. Nucl. Chem. Letters, 4, 269 (1968).
42. J. W. Brasch and E. Lippincott, Chem. Phys. Letters, 2, 99 (1968).