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STEP

AUTHOR: (7) Le Bihan, M.T.

TITLE: (n) Some considerations on the structure of arsenic and lead sulphides

PERIODICAL: (15) Zhurnal strukturnoy khimii, v. 3, no. 6, 1962, 718-720

TEXT: Further ideas are given about the structure of baumhauerite -  $Pb_5As_9S_{18}$ . They are based on the author's data (Bull. Soc. franc. mineral. et cristallogr., 85, 1, 15 (1962)) and on those of G.B. Bokiý and Ye.M. Romanova. Points discussed include the structural arrangement of Pb atoms with coordination numbers of 7 and 9; the distances between S and As atoms, which have a coordination number of 7; the presence of [010] - directed chains; and the configuration of S atoms, linked to 1 and 2 atoms of As. There are 3 figures.

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Some considerations ...

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ASSOCIATION: Laboratory of Mineralogy and Crystallography, Sorbonne, Paris

SUBMITTED: September 25, 1962

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