

conclusion is indicated by the study of the X-ray diffraction haloes (see Fig. 6) in liquid and glass. Indeed, the fundamental

cular spacing which explains the diminished light-scattering which is also responsible for the diminished intensity of diffraction at

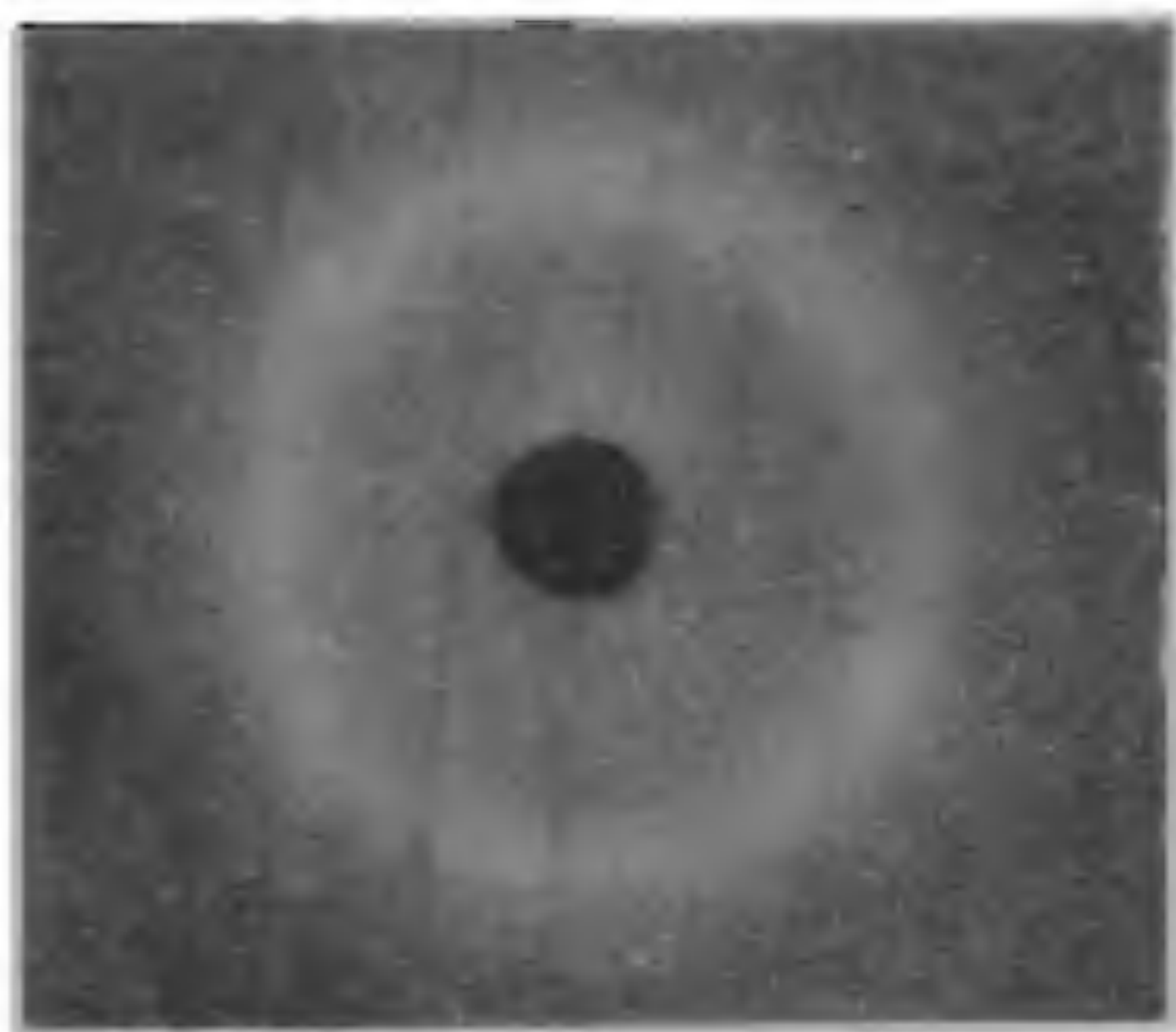


FIG. 6a



FIG. 6b

X-ray halo of glycerine, (a) glass and (b) liquid  
(Photographs by T. M. K. Nedungadi)

relationship between the phenomena of light-scattering and the X-ray effects was pointed out as long ago as 1923 in a paper by the present writer with K. R. Ramanathan. It is the same orderliness of mole-

small angles as compared with the vapour which is the most characteristic feature of the X-ray haloes of both liquids and amorphous solids.

C. V. RAMAN.

## COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH

DR. SIR S. S. BHATNAGAR has made over a sum of approximately Rs. 13,000, which he has personally earned as royalties this year, to the Council of Scientific and Industrial Research for the purpose of financing research workers engaged on schemes of research in operation under the Board of Scientific and Industrial Research irrespective of whether the work is carried out under his direction at Delhi, or under the direction of any other recognised director of research, elsewhere in India. The help will be given to those workers who have earned no royalties, as their work had to be given in the interest of the war effort or development of industry. A part of this donation will be utilised for preparing an oil painting of the Hon'ble Dewan Bahadur Sir A. Ramaswamy Mudaliar, whose name is so intimately associated with the promotion of industrial research in this country. A sum of Rs. 1,000

will be donated to the Delhi University for encouraging scientific and industrial researches and a further sum of Rs. 2,880 has been earmarked for granting two scholarships of Rs. 60 each for two years in the Punjab University.

Messrs. Tata Sons have made a munificent grant of Rs. 8,30,000 to the Council of Scientific and Industrial Research for the construction and equipment of a National Chemical Laboratory. The Laboratory will be located at Poona and will be associated with the name of Tatas.

A donation of Rs. 1,00,000 to the Council of Scientific and Industrial Research has been made by Messrs. Indian Wire and Steel Products Ltd., for carrying out such work as may be agreed upon between the donors and the Council.

—(By courtesy of the Editor, *Journal of Scientific and Industrial Research*)