


# X-ray Diffraction

## *Post-lab*

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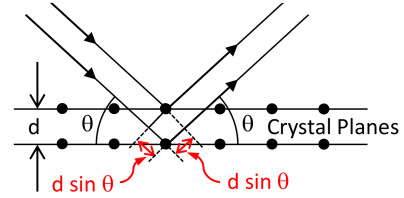
## I. BACKGROUND

## II. PROCEDURE

## III. RESULTS

## ACKNOWLEDGMENTS

This work was done in collaboration with Sage Weisrock under the supervision of Professor Yumi Ijiri.



In this experiment, we use x-ray diffraction to analyze the crystal structure of many samples.

**FIG. 1:** Schematic representation of Bragg scattering. This figure is reproduced from [1]

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- [1] Y. Ijiri, *X-Ray Diffraction* (Department of Physics and Astronomy, Oberlin College, 2025).

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