# Hall Effect — Helmholtz Coil

Teddy van Jerry

November 25, 2021

Figures below are drawn using `MATLAB 2021a`. The `MATLAB` code is open source on GitHub under the MIT License: https://github.com/Teddy-van-Jerry/SEU_Physics_Experiment, Hall Effect.

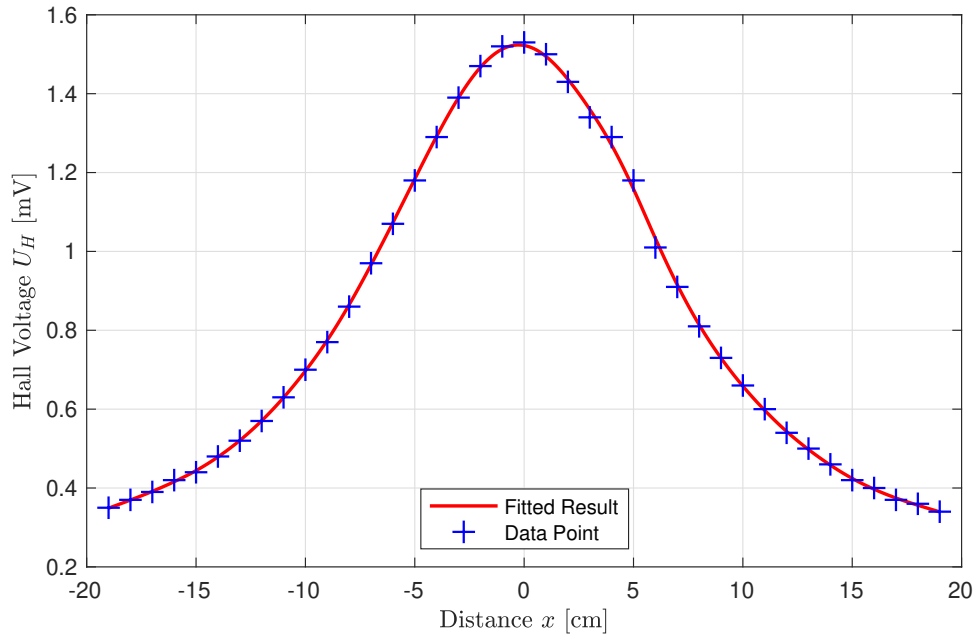It has helped some of my classmates in drawing an elegant figure.
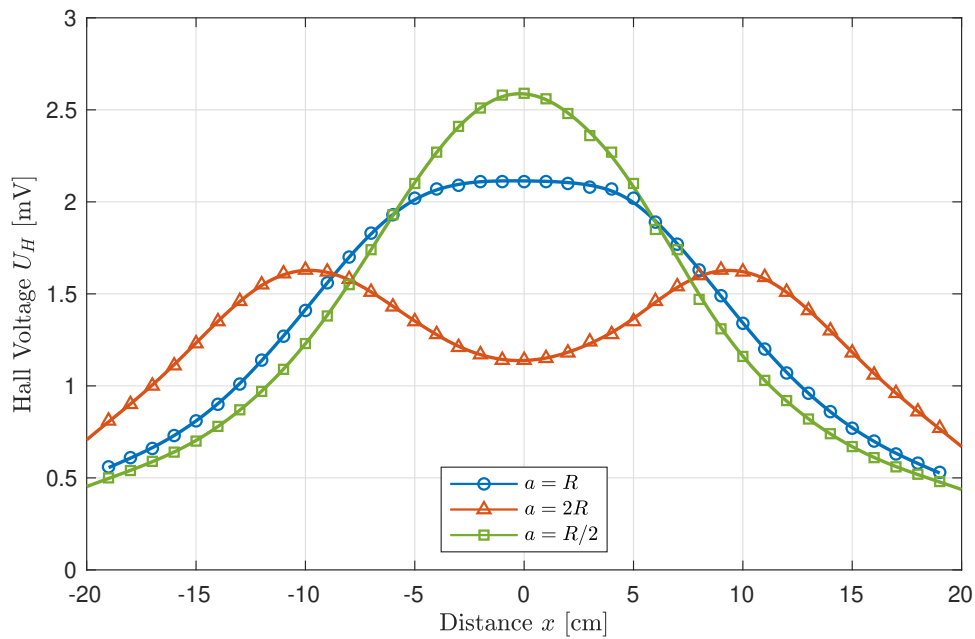


Figure 1: $U_H$ vs. $x$ with one coil



Figure 2: $U_H$ vs. $x$ with two coils