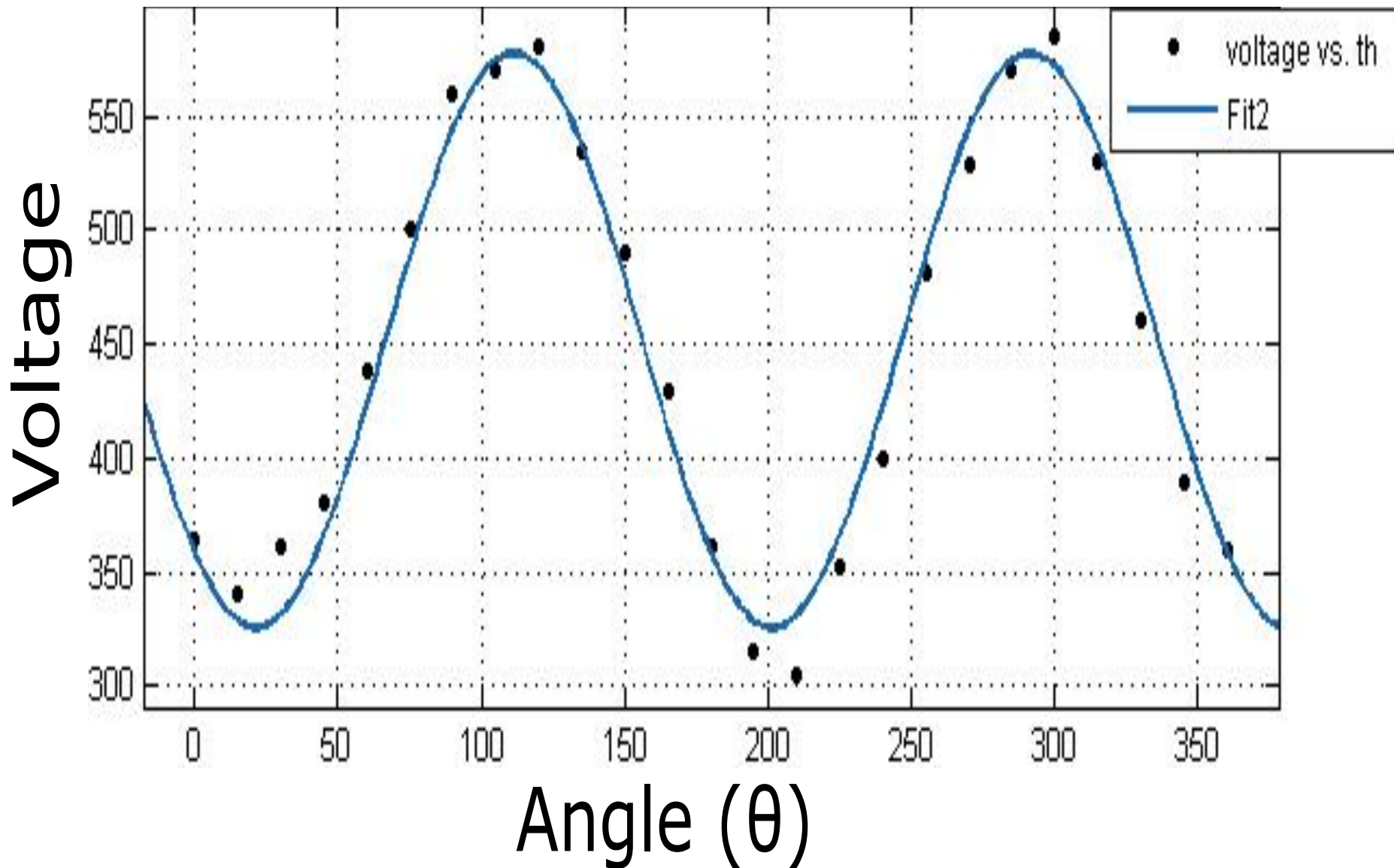


P_1 at 45° , P_2 fixed, P_3 is being rotated.



Curve fitting function:

$$f(\theta) = (a + b \sin^2(\theta + c))$$

where $a=119.7$, $b=67.26$, $c=-73.7$