

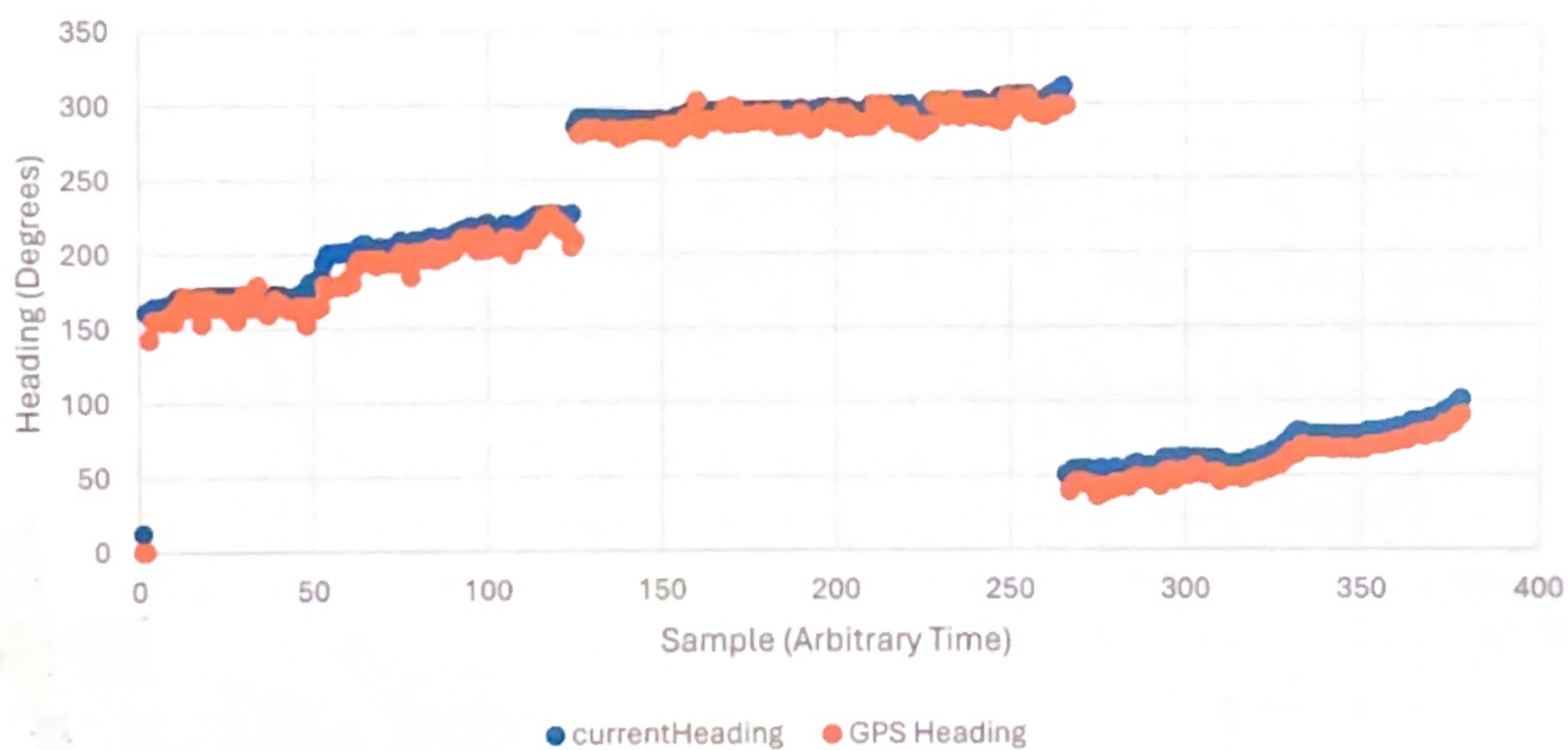
Wally
Cooper
01/07/24

Land Testing

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Comparing Current Heading and GPS Heading 01/07/2024



Robot went clock wise.

Results look mostly good, but there are some large changes on the last two way points.

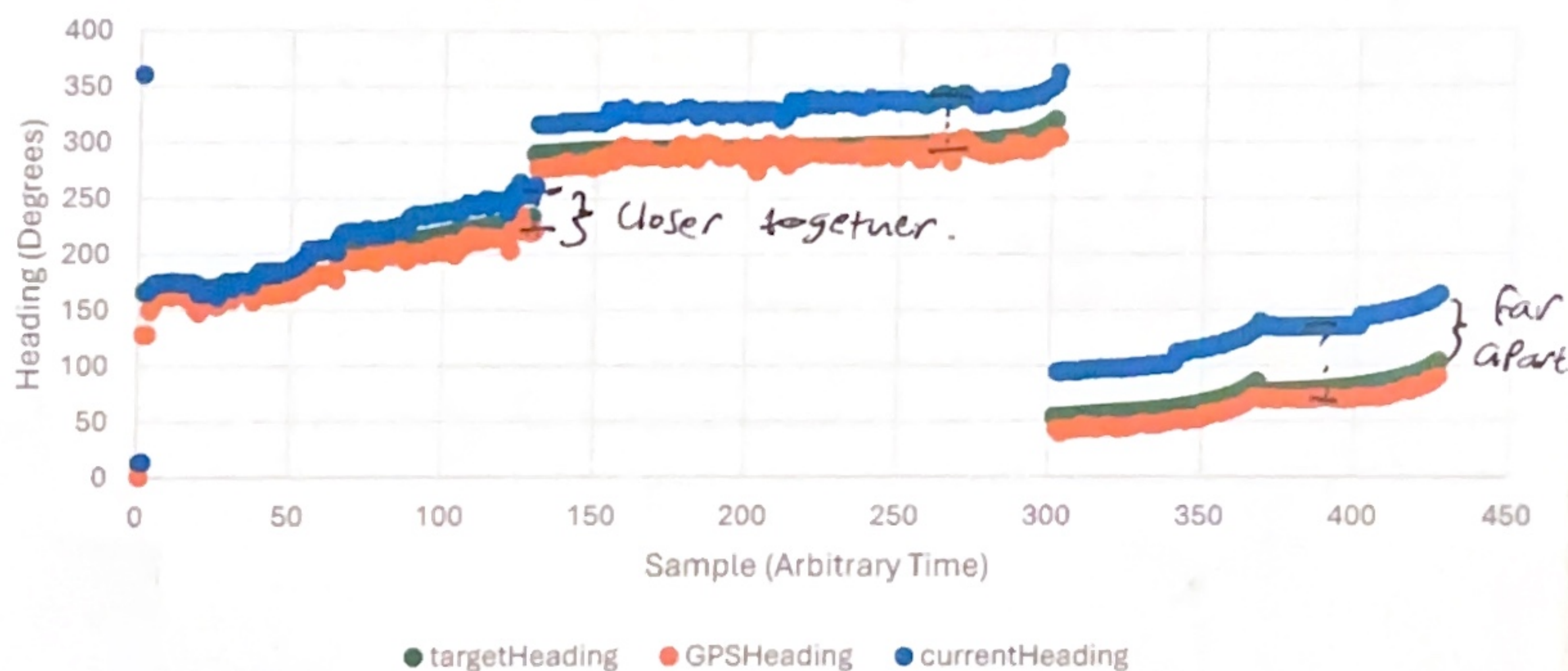
d/08/24
w/ ~~gps~~
code

Land Testing

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Comparing Current, GPS, and Target Headings from
01/08/2024



Clockwise path.

Note that the current heading is getting farther away from the target and gps? Code has something wrong.

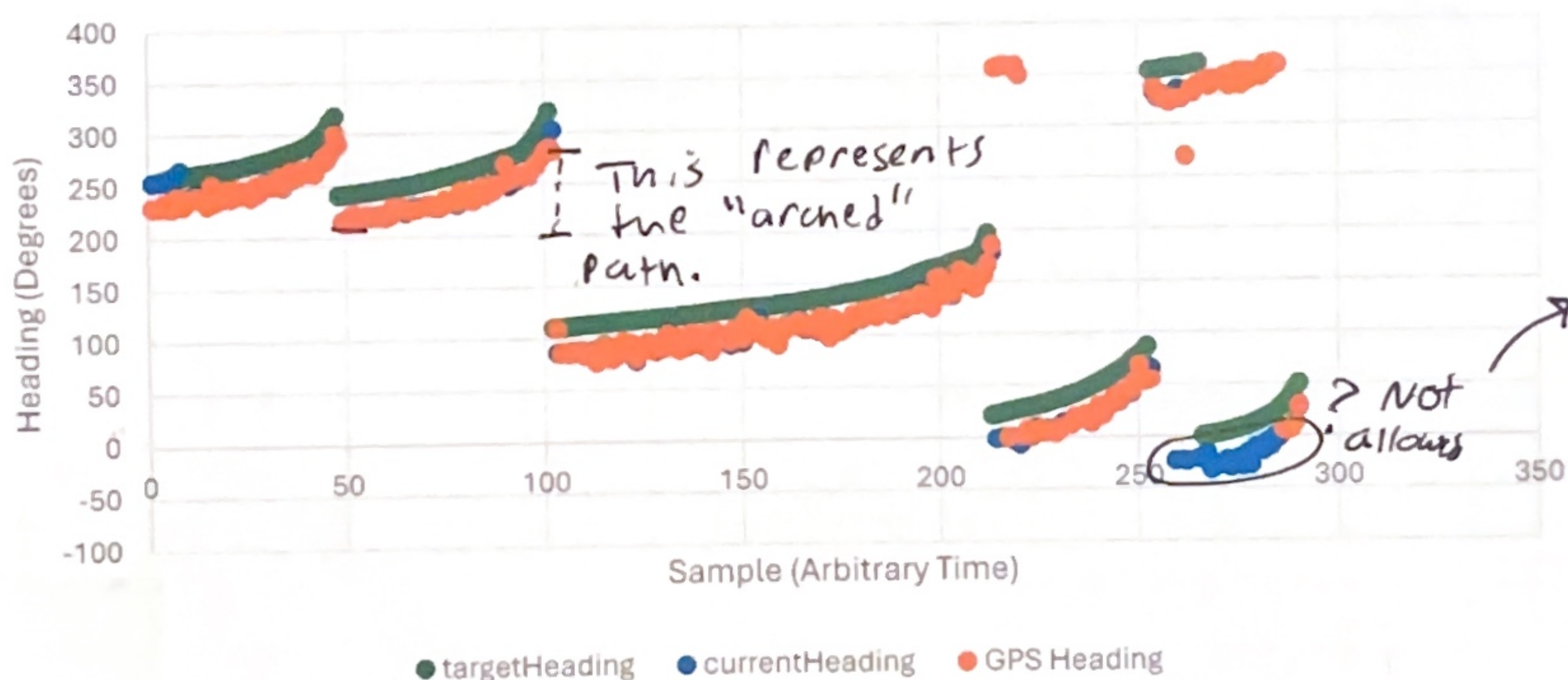
01/15/24
Wesley
Cecilia

Land Testing

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Comparing Current, GPS, and Target Headings from
01/15/2024



page 39
for fix
06/04/24

Counter clock wise path. I must have
flipped a sign in the code.

Negative values for heading should not be
allowed!

01/15/24
wavy
code

Land Testing

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Comparing Current, GPS, and Target Headings from
01/15/2024



Counter-clock wise path. Using an offset average of the BNO and GPS that is updated every 10 seconds. See "Fixing the Arc" on page 139 of book 1 and pages 145-148 for code.

Flat lines are Good!