

## PROBLEM OF THE WEEK 7

Due Wednesday, October 24 at 5:00 pm

**Question.** A point  $E$  is taken inside the square  $ABCD$  so that  $|AE| = |BE|$  and  $\widehat{EAB} = \widehat{EBA} = 15^\circ$ . Find the angle  $\widehat{ECB}$ .

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- All answers should be clearly explained. Submit it to the Math/Stat Office, AMB 107.
- If your instructor gives you credit for POTW, write his/her name with the class number.
- Contact Bahattin Yildiz with questions: bahattin.yildiz@nau.edu (AMB 134)
- The problems are available online at <https://naumathstat.github.io/problem-of-the-week/>