

PROBLEM OF THE WEEK 3

Due Wednesday, September 26 at 5:00 pm

Question. Let ABC be an equilateral triangle. A point D is picked on BC (between B and C) and the edge AC is extended linearly to a point K so that $|BD| = |CK|$. If $\widehat{BAD} = 40^\circ$, find the angle \widehat{CKD} .

- 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)