PROBLEM OF THE WEEK 12

Due Wednesday,January 22 at 5:00 pm

Question. A point E is chosen outside the square $ABCD$ such that the triangle EDC is an equilateral triangle. A point K is chosen inside the triangle EDC so that EKD is an isosceles right triangle with $\widehat{EKD} = 90°$. Find the angle $\widehat{DAK}$.

- 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)