

PROBLEM OF THE WEEK 4
Due Wednesday, October 9 at 5:00 pm

Question. Let a, b, c be positive real numbers. Show that

$$a^3 + b^3 + c^3 \geq a^2b + b^2c + c^2a.$$

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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)