Problem 4 (due on Monday, October 21).

Find all continuous functions  $f:\mbox{ mathbb } R\overline{\constraints} R\overline{\constrain$ 

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The problem was solved by Levi Axelrod and Dr. Mathew Wolak. The only functions which satisfy the conditions of the problem are f(x)=x and f(x)=-x. Both submitted solution as well as our in-house solution follow the same idea. For details see the following link Solution.

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