Quiz 12^1

7 Νο $\epsilon\mu\beta\rho$ ιος 2016

Instructions: Show all work, with clear logical steps. No work or hard-to-follow work will lose points.

Problem. (4 points) Find all solutions to the following equation.

$$\sin \beta + 1 = 2\cos^2 \beta$$

¹This will show up as quiz 14; quizzes 13 and 14 will show up as quizzes 12 and 13, respectively, in Blackboard.