



Bilkent University

Quiz # 4
Math 102-Section 06 Calculus II
9 March 2017, Thursday
Instructor: Ali Sinan Sertöz



Your Name:

Student ID:

Your Department:

Show your work in detail. Correct answers without justification are never graded.

Q-1) Find at what points on the surface

$$x^2 + 2y^2 + 3z^2 = 4$$

is the tangent plane parallel to the plane

$$5x + 6y + 3\sqrt{2}z = 2017.$$

(10 points)

Answer: