MAT 1372-6556 Statistics with Probability Quiz 13 Fall 2012

Do without the aid of technology!

Given (1,2),(1,1),(2,1), use the definitions/formulas on board to find

1. Coefficient of correlation r
2. The slope B of the trend line
3. The y-intercept A of the trend line
4. Is there a positive or negative correlation?
5. What percentage of the response variable may be ascribed to the input variable?