

Subject: Re: Quals Question 2001
Date: Fri, 16 Feb 2001 16:32:06 -0700
From: Greg Kovacs <kovacs@cis.stanford.edu>
To: "Diane Shankle" <shankle@ee.stanford.edu>

The student was asked to sit at a table with several objects on it. He or she was told that a device on the table was a sensor of some kind, and that it was sensing something about a glowing cylinder also on the table.

Also on the table were various items (paper, pen, hardcover book, sheet of copper-clad printed circuit board, toilet paper roll, full beverage can, and a plastic ruler). The student was told that he or she could touch and use these items at will. The student was allowed to move and examine everything on the table, except for the sensor (because it is delicate). It was stated that the sensor could detect something to do with (emitted by) the glowing cylinder, and the student was asked to try to figure out what (as specifically as possible) was being sensed (e.g., what the sensor detects from the glowing rod). The various objects on the table could be used to carry out a variety of simple experiments to obtain information about the signal and the sensor.

Sorry - I thought I had submitted it.

Best,
Greg

>I am still waiting for you to submit your Quals Question either by hard copy
>or email.
>Please try to submit by 2/23/01.
>
>Happy Thursday,
>Diane
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