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Functions as Vectors Pretest

University of Colorado

Page 1 of 1

Please type your name in the form: Last, First:

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NOTE!! Please type in your CU userid (that's the username you use to log in to CULearn. We do NOT want your password. It probably looks like your last name, perhaps with a few extra characters. Note that it is definitely NOT your numerical (9 digit) student ID!!

This script cannot "error check", you have to be sure you type it in correctly! Thanks

Please type your CU userid:

Required.

Q1: Describe in words, the mathematical condition for two ordinary vectors to be orthogonal.

Required.

Q2: If you are given an arbitrary vector in a six-dimensional space, how many vectors can you construct which are orthogonal to that vector and also orthogonal to each other?

Required.

Q3: Describe in words, the mathematical condition for two quantum mechanical wave functions to be orthogonal.

Required.

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Submit responses

Questions or Comments?

Contact the 123 tutorial pretest coordinator at uwttl123@u.washington.edu

