

Solutions for Quiz 1 for Calculus ++, Math 2605A1-2, August 26, 2004

This quiz is essentially the same as the other one and hence I will just give the answers.
For the explanation, please read the solutions of Quiz 1.

Problem I:

$$\begin{bmatrix} 2 \\ 2 \\ 0 \end{bmatrix} + t \begin{bmatrix} 1 \\ -2 \\ 1 \end{bmatrix}$$

Problem II:

$$\frac{1}{\sqrt{14}}$$

Problem III:

$$\frac{\sqrt{6}}{2}$$

Extra credit:

$$x + y + z = 4$$