

January 24, 2002

Math 147 – Fall 2002 – Test2

1. 4) Consider the following two bases :

$$E = \{e_1, e_2, e_3\} = \{(1, 0, 0), (0, 1, 0), (0, 0, 1)\} \quad (1)$$

$$S = \{u_1, u_2, u_3\} = \{(1, 1, 0), (0, 1, 2), (1, 2, 3)\} \quad (2)$$