4.1 (2points) Not a vector space since the zero vector is not in w. 24 (3 points) a True. See definition of a vector space b. True . see statement (3) before Example 1. C. True see the paragraph before example 6. d. False . See example 8. e. Falge, (ii) and (iii) are stated in correctly. -elf., in (i), these is no Autement of that U. V represents all possible dements of H. 4.2 (2points) [2] [8] [0] (3 points) Wis in bot 4 Not A and Col A.