Homework ? Gercise 1 V(x,4,7)= V4(r) 0 e4(r,4,2) p: 2-> R P(x,y, Z) = p(r) c) Prove div v = 0 Proof Witho the Noke from Ex 1 we have div v = = = = (- v) + = = du vo + dz 42 Since V = Vy eq we can say Varya V = Vz = 0 => div v = = = 2 du vy in respect to 4 is O (2, 4 = 0)