Homework Module #5/ 8. Find a regular expression for the set {anbn: (n+m) is odd 3. on is odd mis even or vice versa $| \Gamma = (aa)^*b(bb)^* + a(aa)^*(bb)^* |$ 9. Give regular expressions for the following languages b) $L_2 = \{a^nb^m : n < 4, m \le 4\}$ [= (1+a+a+a)(1+b+b+b)] c) The compliment of L, I, = {a^bm; nz3, m>4} $\Gamma = (1 + a + a)(bbbb)b^*$ Find a regular expression for L= {vwv: v, w ∈ {a, b3*, |v| ≤ 4} or r= \[a+b]*\ where v=1 and W = (a+b)*