Homework o3 梅文制22C57 Section 8.5 Ex.8. 1<del>AUBUC|= 1A|+ 1B|+1C|- |ADB|- |ADC|- |ADC|+ |ADB|C</del>|
270-64794-58+26+28+22-14=116 Section 8.6 \$1,2,3.4\, derangements: \2,1,4,3\, \\2,3,4,1\\, \\2,4,1,3\\, Ex.12. 13,1.4,2], {3,4,1,2}, {3,4,2,1}, {4,1,2,3}, (4,3,12) {4,3,2,1} Section 9.1 (a) X+y=0 = not reflexive, symmetric, not antisymmetric, not transitive (b) X==y: reflexive, symmetric, not antisymmetric, transitive (c) X-y is a rational number: reflexive, symmetric, not antisymmetric, transitive (d) X=14: not reflexive, not symmetric, antisymetric, not transitive (e) xy7,0: reflexive, symmetric, not antisymmetric, transitive not transitive (f) x and y are both negative or both nonnegative: reflexive, symmetric, not antisymmetric, transitive if xy=0 = not reflexive, symmetric, not antisymmetric, not transitive (9) X=1: reflexive 1 not symmetric, antisymmetric, not transitive (h) X=1 or y=1: not reflexive, not symmetric, not antisymmetric, not transitive