

Christon MTH 23 DP5 SQ-6) D={SIS not an element of s} A) Claim: DED: Proof: IF D were to be an element of D this would immediately break the definition of D that each elements must be the set of all sets not containing there selves. Therefore DED would be a contradiction B) Clain: DED Proof: Assume DED, that means Dis a set that does not contain itself and thus be added to D. At which point it must be in D. This leads to a loop of contradictions.