ECE335 Summer 2019 - Lecture 13 Examples

Example 1: Prove that if $A \subseteq B$ and $A \not\subseteq C$, then $B \not\subseteq C$. Hint: Use quantifiers and conjunction.

Give Col AGB BEC ACC 72 (2 e3 1 2 ¢ c) Jy (yEA Ay¢C) Let x & orbitany + y= yo ?= 3. <u>Cool</u> 20 ∈ B 1 20 € C Cin XEA -> XEB yo EA yo & c Suce x is arbitry, let x= yo The since yo EA -> YOEB But since yo & C => J. ∈ B 1.1 J. € C >> B € C