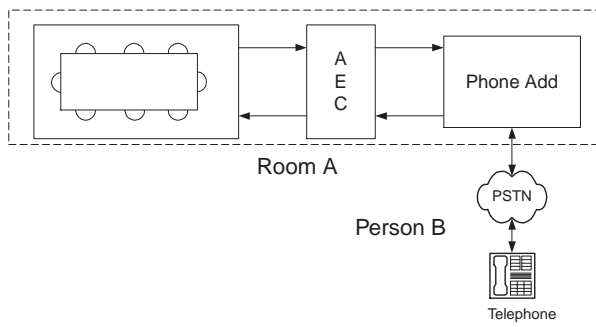


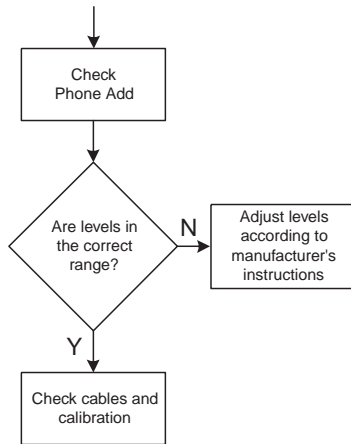


ASPI DIGITAL ECHO TROUBLE SHOOTING GUIDE

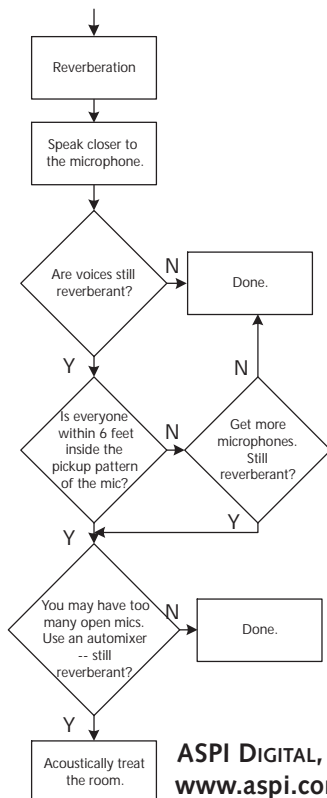
Room Configuration: Conference Room That Individuals Can Dial To/From



Problem 1.1 Room A hears echo when someone in Room A talks

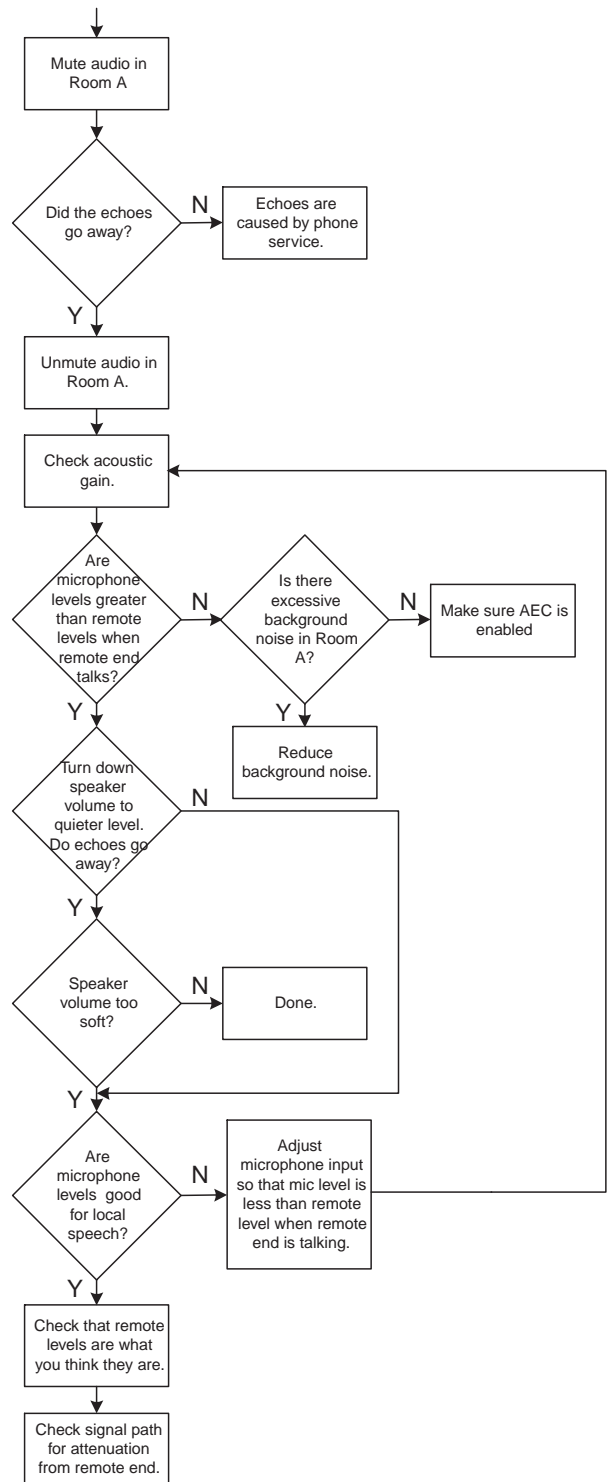


Problem 1.3 Person B hears echo of A's voices when people in Room A talk

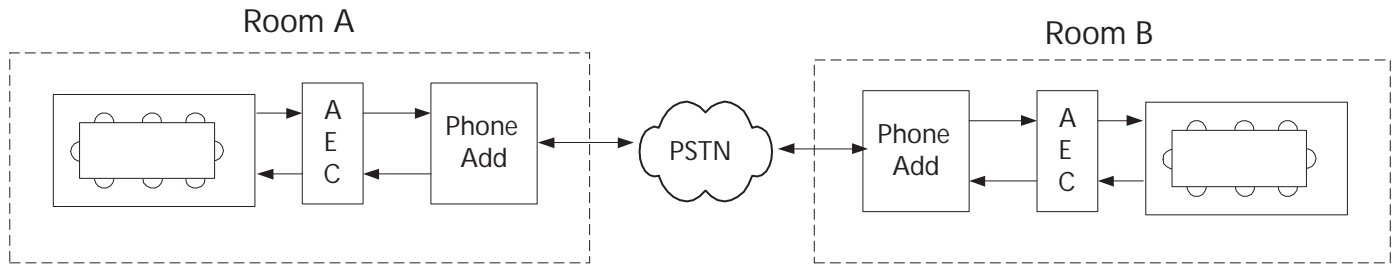


Problem 1.2

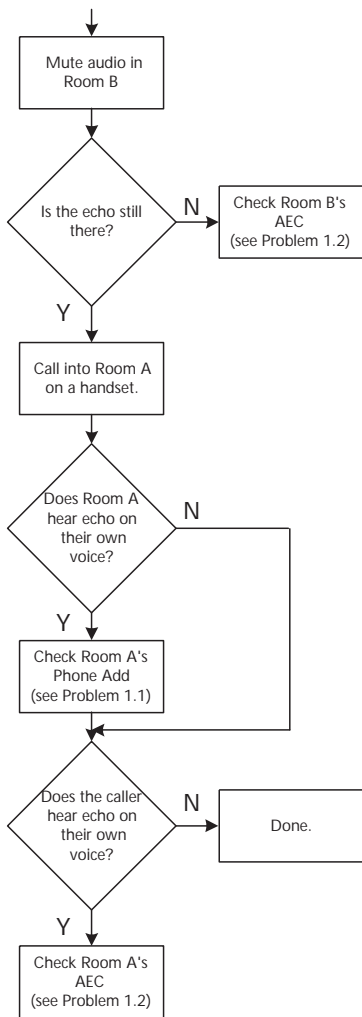
Person B hears delayed persistent echo on B's voice when B talks



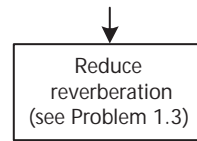
Room Configuration: Conference Room Used to Talk to Another Conference Room Over Phone Line (narrow band system)



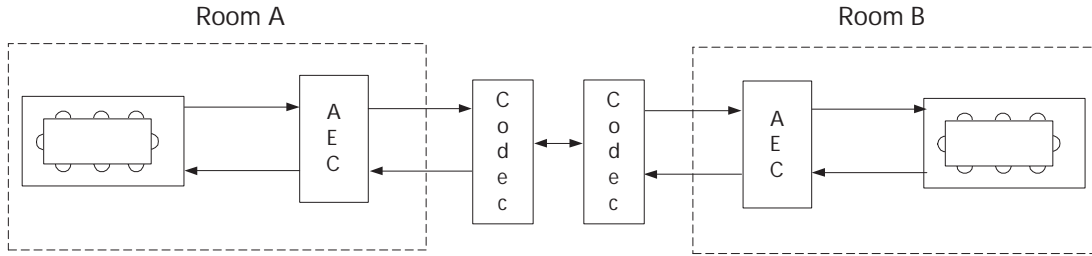
Problem 2.1
Room A hears echo of A's voice when someone in Room A talks



Problem 2.2
Room A hears echo of B's voice when someone in Room B talks



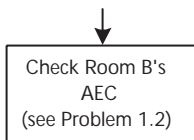
Room Configuration: Distance Learning Classroom Connected to Another Classroom Through a CODEC (broad band system)



Problem 3.1

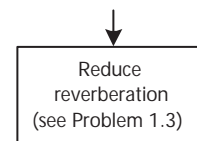
**Room A hears echo of A's voice
when someone in Room A talks**

Note: Substitute
"B" for "A" in
1.2

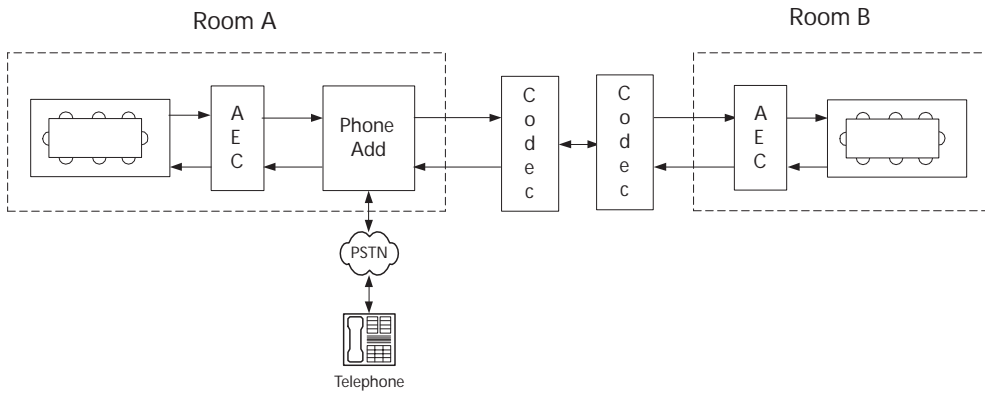


Problem 3.2

**Room A hears echo of B's voice
when someone in Room B talks**

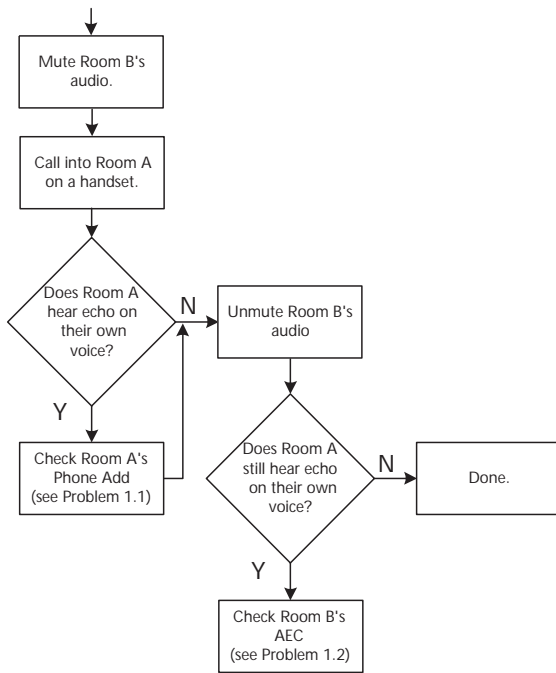


Room Configuration: Videoconference Room With the Ability to Bring in a Phone Line



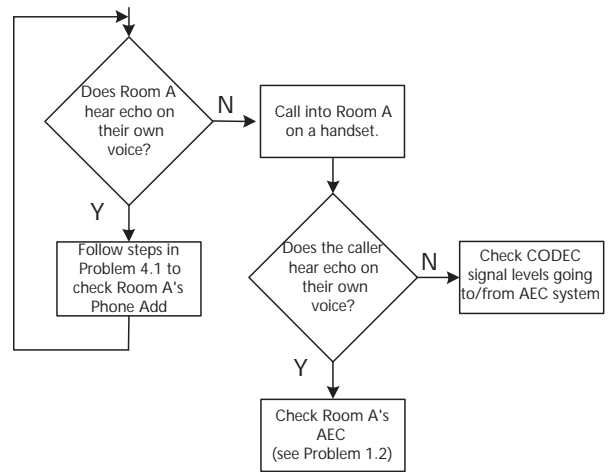
Problem 4.1

Person in Room A hears their own echo coming back to them

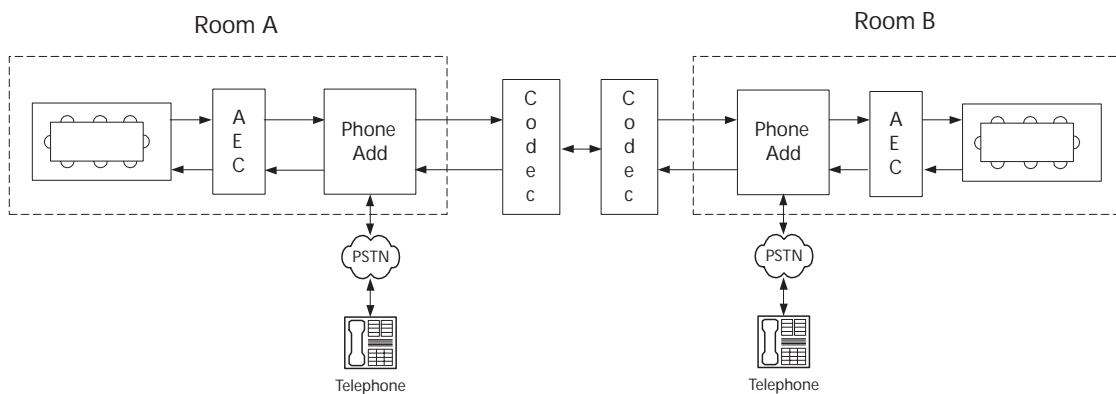


Problem 4.2

Person in Room B hears their own echo coming back to them



Room Configuration: Videoconference With Each Room Having the Ability to Bring in a Phone Line



Problem 5.1

Person in Room A hears echo of their own voice

