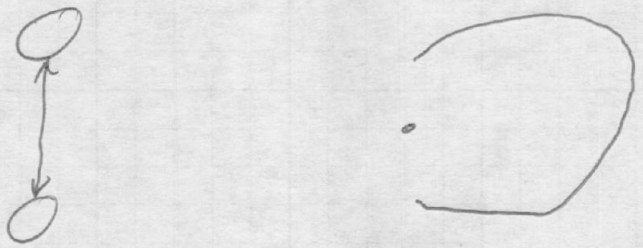
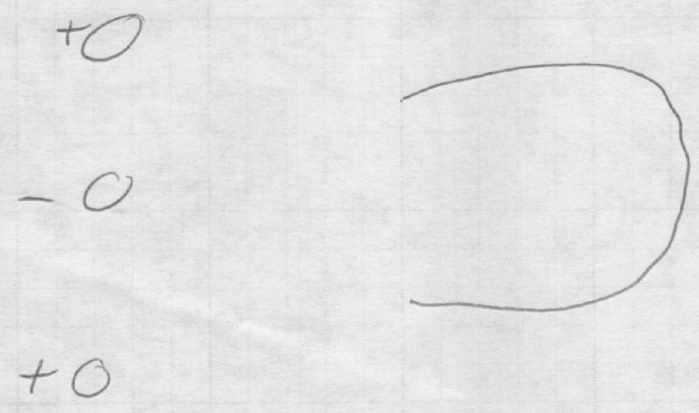
11/5/95

Extending directivity to Low Frequencies

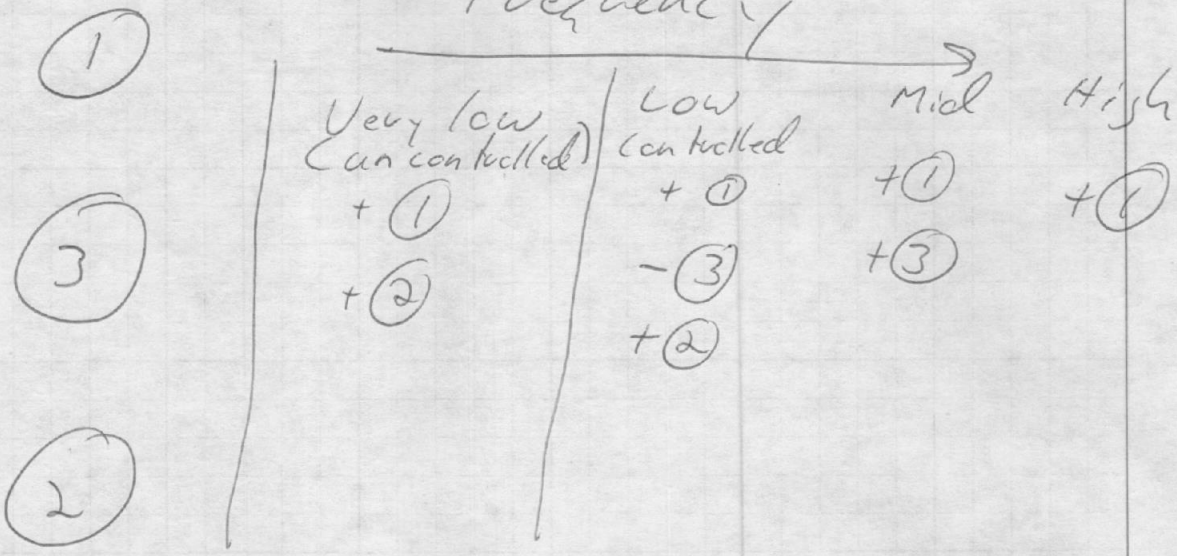
Directivity of two woofer system is normally determined by the spacing between them.



By mixing in a third identical speakers output out of phase, the pattern control is extended lower in frequency.



This extra woofer may be used to maintain more constant directivity at higher frequencies.



Higher directivity ~~is~~ comes from wider spacing.

More constant directivity comes from having more elements. Each element covers a narrower ~~band~~ band of freq.