5.5.25)	Eigenvalue and eigenbeam plots follow for un equal signal power case
	(i) 5,=5,= odB
	(ii) Sz=10dB, 5,=0dB
	(iii) Sz= 20 dB, S,= 0 dB
	(iv) 52= 30 dB, 5, = 0 dB
	- eigenvalues agree exactly with analytical expressions - eigenvectors agree to within complex rotation factor
	(1) eigenbeams are sum and difference beams
100 A	(ii)-(iv) eigenbeaus are no longer sum and
	différence beams. The first eigenbeam
······································	looks like a conventional beampathein
	steered to source 2 (the stronger source).
·= · · · · · · · · · · · · · · · · · ·	the second beam looks like a
····	conventional beam steered to source 1
	with a null at sauce 2. When 52=10dB,
	the null is less than 30 dB, but for
	52= 20 dB and 30 dB, the null is deep.
	As the signals became very close, the
www.	second eigenbeam starts to point away
	from sauce 1, so that the null an
	savo 2 can be maintained.









