metric distance between spectra
SR = 10, SNR = 10

	modern	0.8Ga	2.0Ga	3.9Ga
modern	0.0			
0.8Ga	18.2	0.0		
2.0Ga	21.2	1.7	0.0	
3.9Ga	13.2	6.4	9.2	0.0