

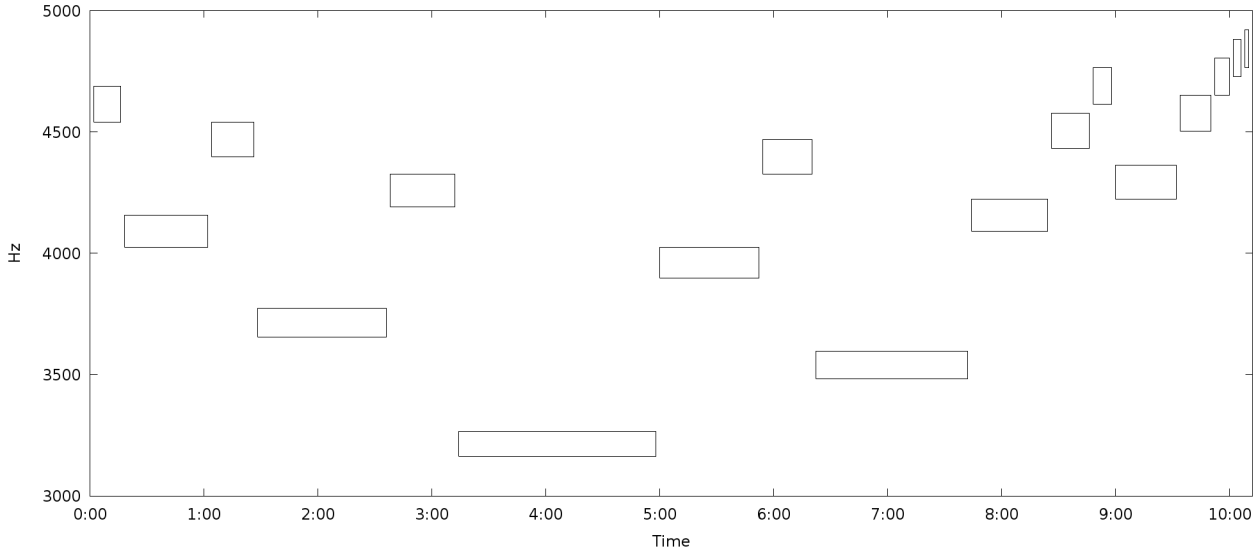
# WARPED LAND

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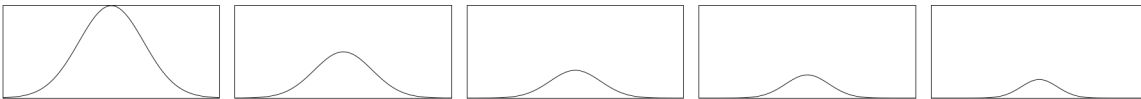
## for 5 sine wave oscillators

4-channel Audio  
10:12

### - Compositional structure



- 17 Sections
- Each sound in a section consists of 5 sine wave oscillators
- 5 gaussian envelopes (Osc. 1-5)



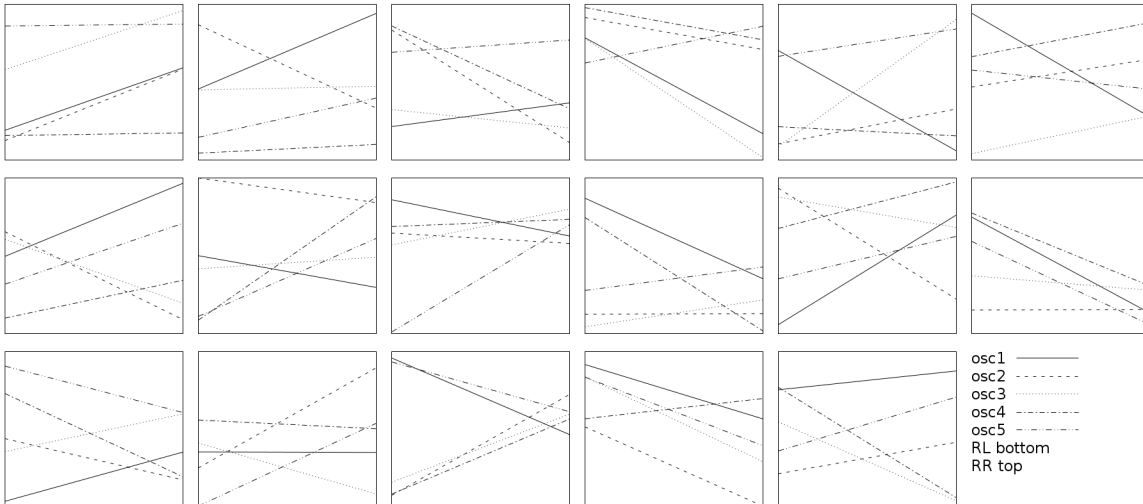
### - Frequency scale is a geometric progression

$$a_{i+1} = a_i \cdot q$$

- Durations and pointers into frq. array are based on a sequence of the 'Collatz conjecture'

7, 22, 11, 34, 17, 52, 26, 13, 40, 20, 10, 5, 16, 8, 4, 2, 1

- Spatialization parameters (begin and end position) are given by an 'Uniform distribution' (Sect. 1-17)



### - Frequencies of sections (Hz)

1	4540.567	4577.184	4614.097	4651.308	4688.818
2	4025.179	4057.640	4090.363	4123.349	4156.602
3	4397.003	4432.463	4468.208	4504.242	4540.567
4	3655.318	3684.797	3714.513	3744.469	3774.666
5	4190.123	4223.915	4257.978	4292.317	4326.932
6	3163.263	3188.773	3214.489	3240.413	3266.545
7	3897.910	3929.345	3961.033	3992.977	4025.179
8	4326.932	4361.827	4397.003	4432.463	4468.208
9	3483.335	3511.426	3539.744	3568.291	3597.067
10	4090.363	4123.349	4156.602	4190.123	4223.915
11	4432.463	4468.208	4504.242	4540.567	4577.184
12	4614.097	4651.308	4688.818	4726.631	4764.749
13	4223.915	4257.978	4292.317	4326.932	4361.827
14	4504.242	4540.567	4577.184	4614.097	4651.308
15	4651.308	4688.818	4726.631	4764.749	4803.175
16	4726.631	4764.749	4803.175	4841.910	4880.957
17	4764.749	4803.175	4841.910	4880.957	4920.320