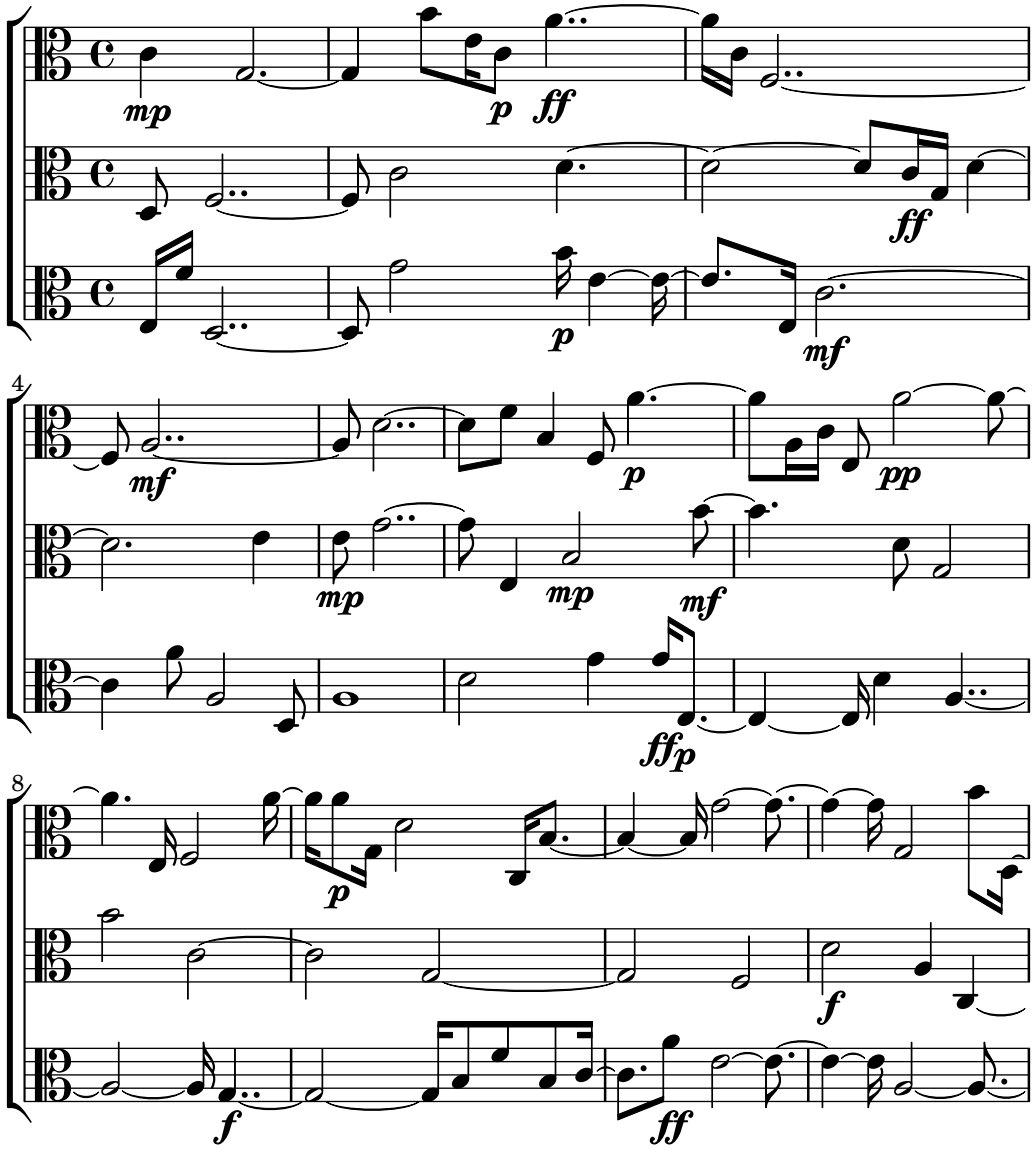
Assignment 8

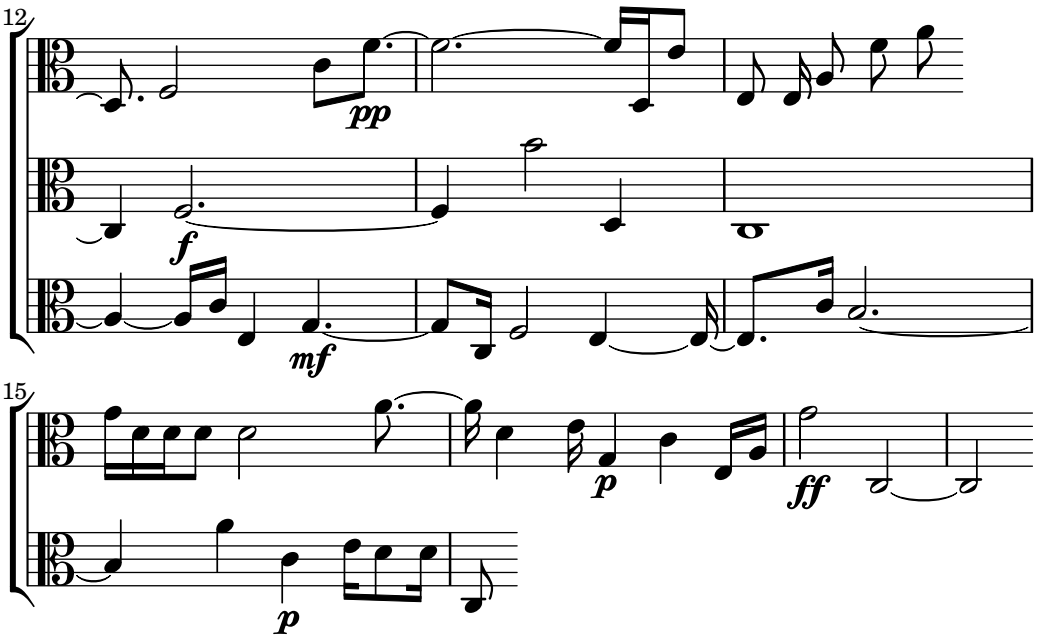
Crystal Mandal

last edited April 15, 2025

1 Question 1:

The music (40 sounds) generated with the requisite parameters is displayed below:

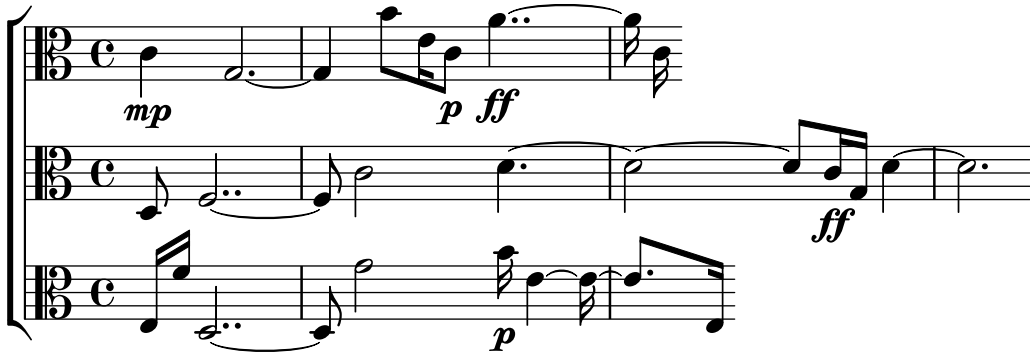

mp
p
ff
ff
p
mf
4
mf
p
pp
mp
mp
mf
ffp
8
p
f
ff



2 Question 2:

2.1 Markov Bank

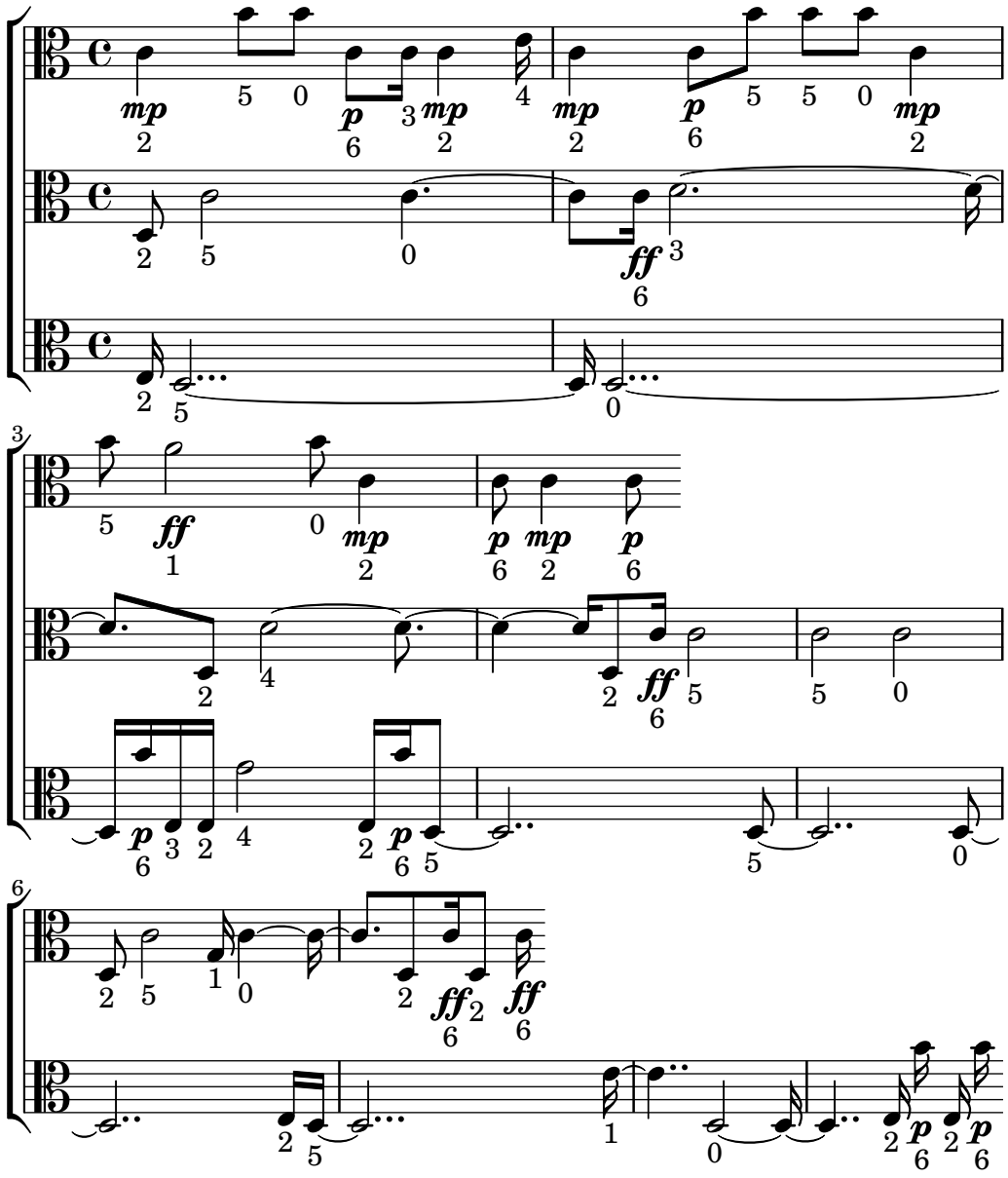
The bank of pitches (first 7 sounds) used in markov chain generation is:



2.2 Markov Chain Table

The table generated for the Markov Chain is:

1	2	3	4
0.23977530383797652	0.09993463631165632	0.2982486120219099	0.029767464154
0.22092935761523844	0.0005351875336604369	0.0055662092310578585	0.302694288148
0.23902804976185105	0.012433193163768794	0.03745296771687456	0.144520925216
0.06810883313129218	0.04106362253050926	0.2075872814506656	0.170717253426
0.18019690810699562	0.15309766150194187	0.14829087014596107	0.073886291388
0.2427455224068861	0.2360118062071011	0.1269075764291607	0.010070947846
0.019330922781578306	0.17977358045651684	0.18620323351486337	0.264713770278

2.3 Markov Chain

The music (20 sounds) generated with the requisite parameters is displayed below: