Crystalline Structures (2020)

For Percussion Ensemble

Kristian de Leon

Instrumentation

15 Players Total:

Player	Part	Instrument(s)	Sticks/Mallets
1	Mallet 1	Steel Pan Chimes (shared with Crotales)	 Steel Pan mallets (Chimes) Hard Plastic Mallet with Rattan Shaft
		Note: A vibraphone may be used in place of a steel pan.	
2	Mallet 2	Crotales Claves Chimes (shared with Steel Pan)	 Hard Metal mallets Bow (Chimes) Hard Plastic Mallet with Rattan Shaft
3	Mallet 3	Glockenspiel	Small Hard Metal mallets Hard Plastic Mallets
4	Mallet 4	Vibraphone 1	• 4 Hard Cord mallets with Rattan Shaft
5	Mallet 5	Vibraphone 2	4 Hard Cord mallets with Rattan ShaftBow
6	Mallet 6	Marimba 1 (4.7, Low E)	4 Hard Yarn mallets4 Med-Hard Yarn mallets
7	Mallet 7	Marimba 2 (5.0, Low C)	4 Med-Hard Yarn mallets4 Med-Soft Yarn mallets
8	Percussion 1	Bongos	BrushesThin sticks
		Metal Bowl with Glass Marble**	Soft Felt mallets (timpani mallets)
9	Percussion 2	Congas: Hi-Low Triangle	 Brushes Thin sticks Soft Felt mallets (timpani mallets) Triangle Beater
			• (Opt) Triangle mount
10	Percussion 3	Djembe	
		Wind Chimes	
11	Percussion 4	4 Toms: Hi / Medium / Med. Low / Low	 Brushes Thin sticks Soft Felt mallets (timpani mallets)
		Dampened Resonant Metal**	
		Glass Marble**	
12	Percussion 5	Bongos 4 Toms: Hi / Medium / Med. Low / Low (Tuned lower than Perc. 4)	 Brushes Thin sticks Soft Felt mallets (timpani mallets)
		Large Glass Bowl with Glass Marble**	
13	Percussion 6	Wooden Temple Blocks (5) Hi to Low	 Hard rubber or Medium Hard plastic mallet (Alt) any light articulate mallet of choice
		Slapstick	choice
		Metal Bowl with Glass Marble**	
14	Percussion 7	Drum Set: Cymbals (3): Large China w/ Sizzle Chain, Dry Ride, Splash Hi-Hat 1 Tom Snare Kick	BrushesThin sticks
		5-7 Coins of Different Sizes**	
15	Percussion 8	Concert Bass Drum	 Two Hard Bass Drum mallets Two Soft Bass Drum mallets (rolling)
		Large Tam Tam	Two Tam Tam mallets Towel

Large Cymbal or Other Resonant Metal**

3-5 Wind Up Toys**

**see Technique and Performance Notes

Technique and Performance Notes

Percussion:

Glass/Metal Bowl with Glass Marble -

Hold a resonant, high walled metal mixing bowl of medium or large size by the base with a wide grip in one hand. Place a small or medium glass marble in the bottom of the bowl.

Swirl the glass marble in the metal bowl until the marble begins to ride along the sides of the metal bowl. As the marble picks up speed, the metal bowl should begin to ring with a noisy hum. Be careful not spin the marble too fast, or it might launch itself out of the bowl.

Once the bowl begins to resonate, vary the speed of the marble by varying the speed and intensity of the swirling motion.

Glass Marble Around Drum Rim-

Spin large glass marble around rim of lowest tom. Periodically catch and restart marble when it almost reaches a stop.

Coins on Drum Head -

Spin 5-7 different sized coins on a snare drum head, with snares off. Let each coin spin until it stops completely before restarting that coin.

Wind-up toys on a suspended cymbal -

Invert a large suspended cymbal (or other resonant metal) on a sturdy surface (i.e. a trap table lined with egg foam).

Find 3-5 wind up toys that move with a variety of actions (walking, hopping, dancing, etc).

Wind toys and set them into motion on inverted cymbal, letting each toy run out completely until restarting them. If a toy tips over, reset it so it is upright again.

Dampened Resonant Metal (Perc. 4) -

Place a resonant non-pitched metal (i.e. a metal pipe, light brake drum, earth plate) on a padded surface (i.e. a trap table lined with foam or towels). Dampen in a way that the metal is still resonant and articulate when struck but is not overly washy.

Mallets:

With Stick -

Play with backside of mallet

Deadstops -

Strike and stop mallet on key, dampening immediately.

Chime Tube X-Swipe-

Slide rattan mallet shaft across natural and accidental tubes of chimes.

Metered Rolls (m. 95 - 111) -

Begin rolls on node of key. Move toward center of bar during cresc. and back toward node during descresc.

*Vibraphones - Open and close pedal with dynamic as well

Program Note

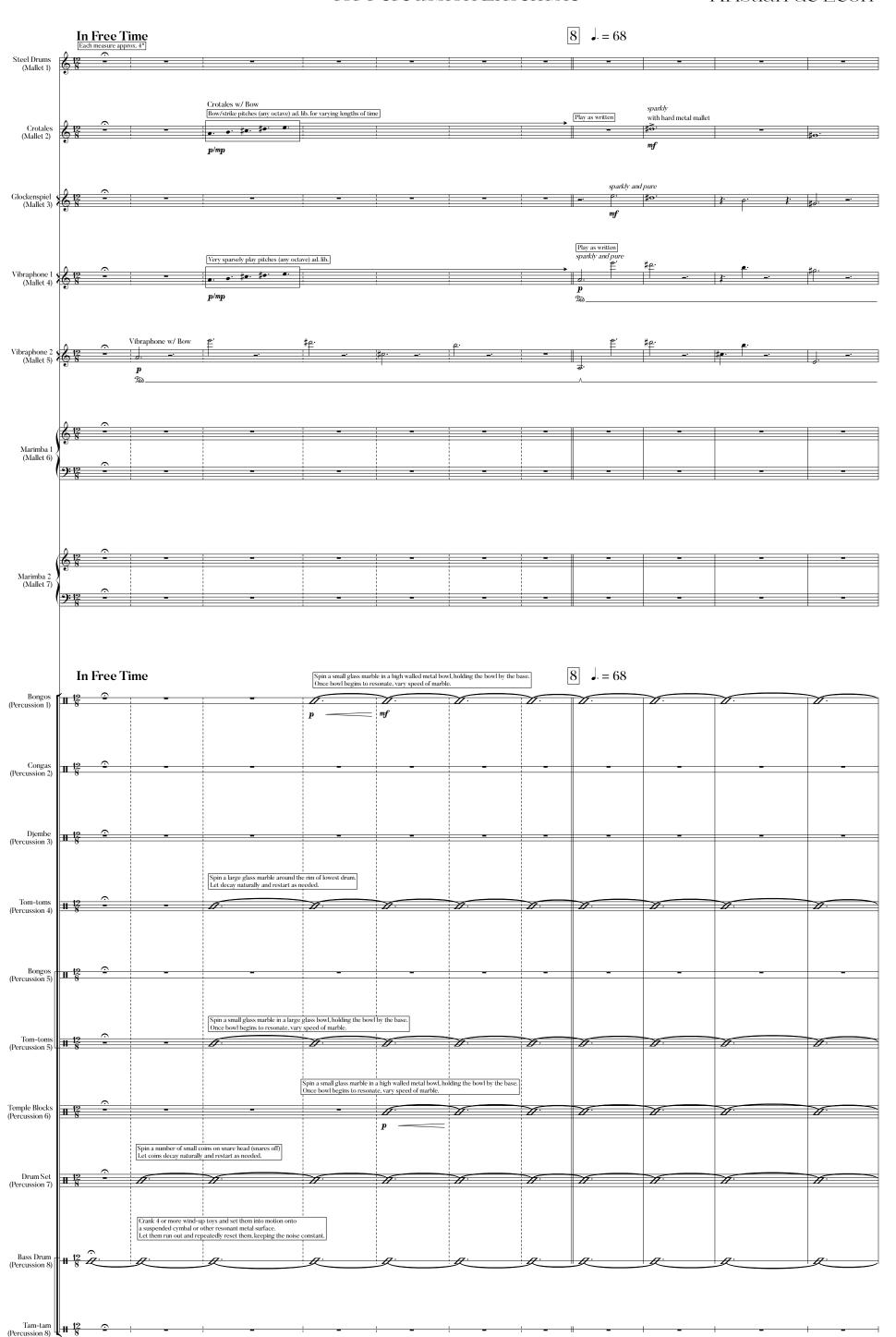
Crystalline Structures draws inspiration on the structure and formation of naturally forming crystals. Some crystals are formed in very even, cleanly splitting structures that can repeat indefinitely due to their molecular bond structures, while others exist without order and can shatter into jagged and irregular forms when under high amounts of heat and stress.

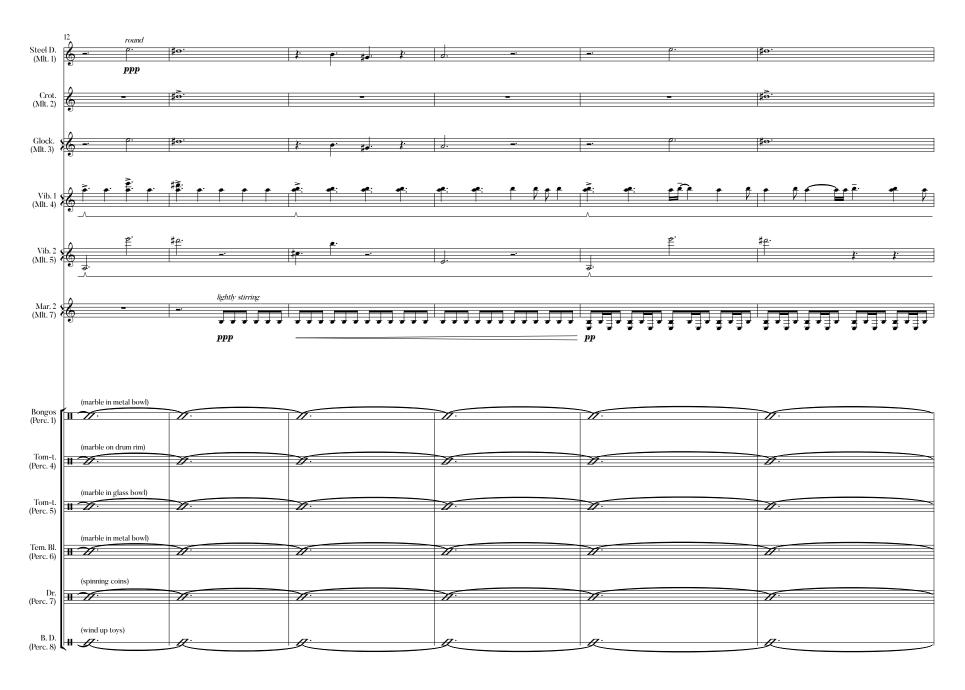
This work explores these concepts of tumultuous transformation that, while sometimes violent and brazen, can still result in something uniquely wonderful.

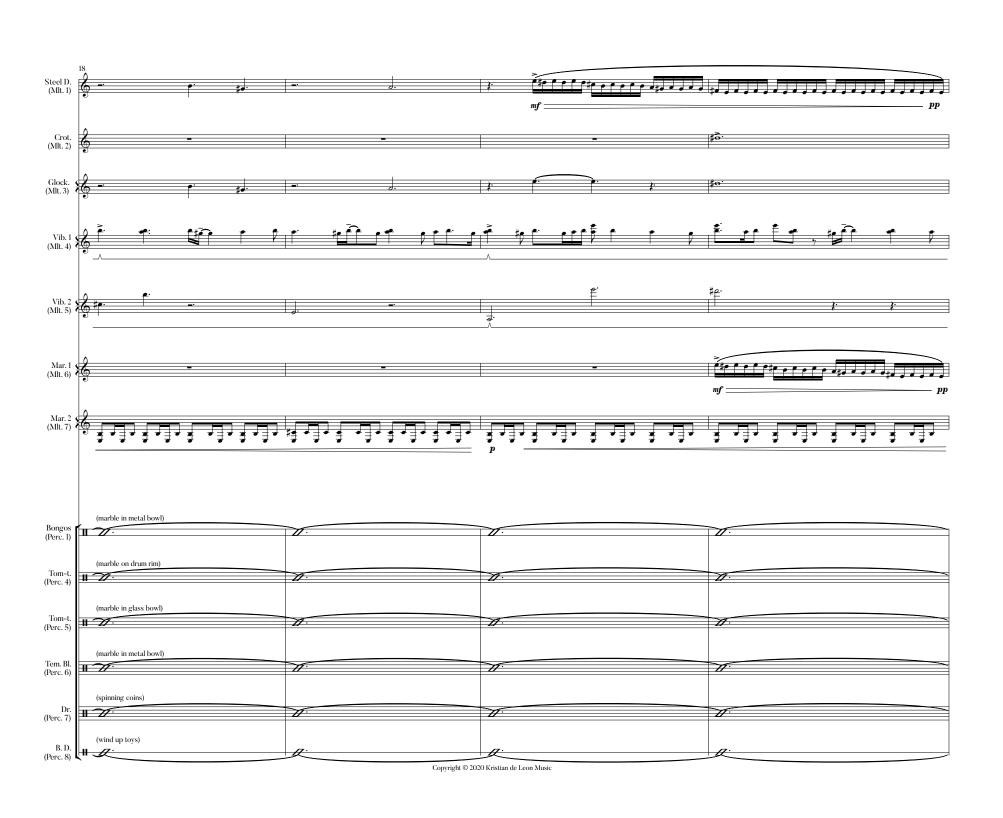
More info and music is available at www.kristiandeleon.com. kdeleonmusic@gmail.com

Crystalline Structures for Percussion Ensemble

Kristian de Leon

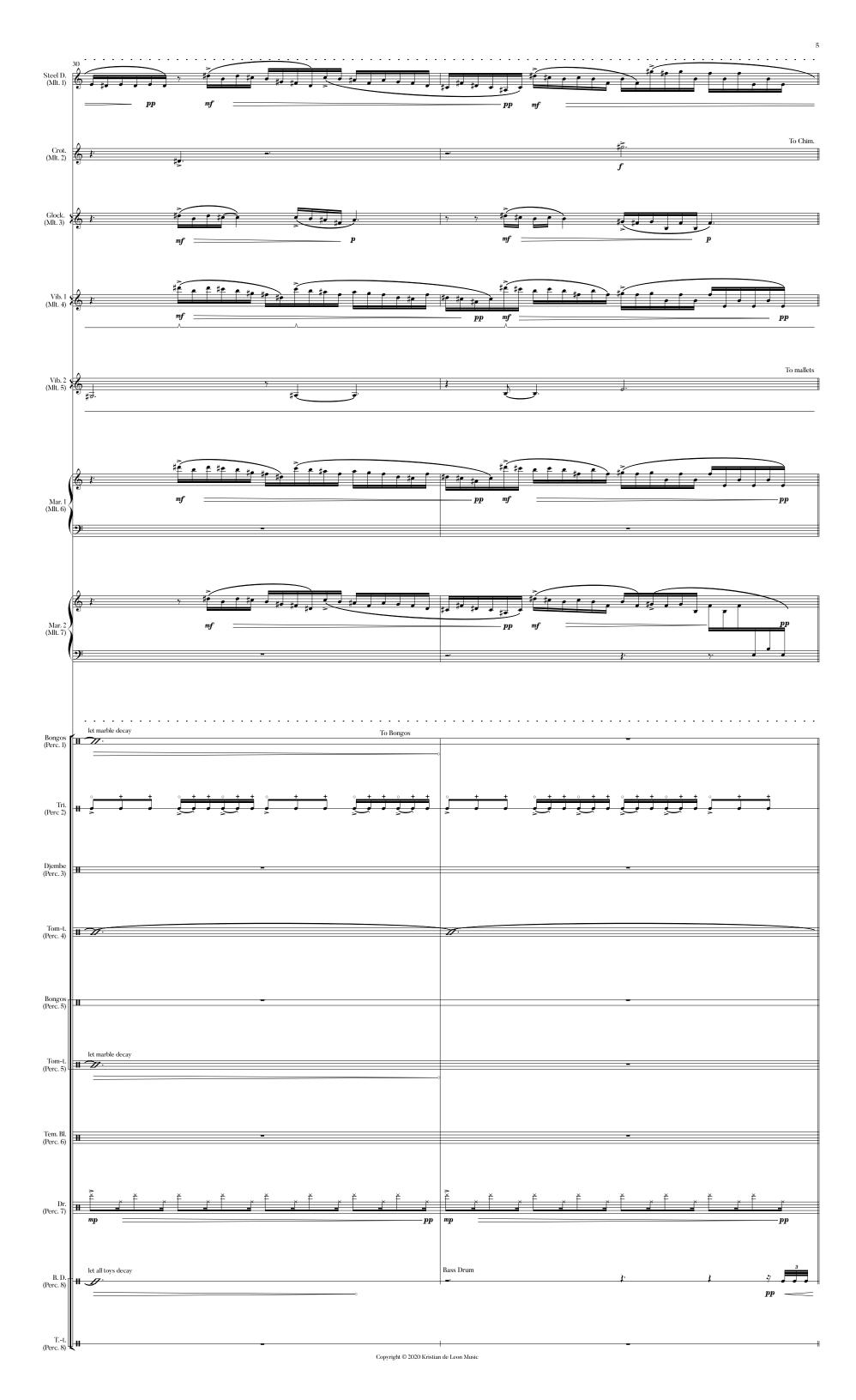


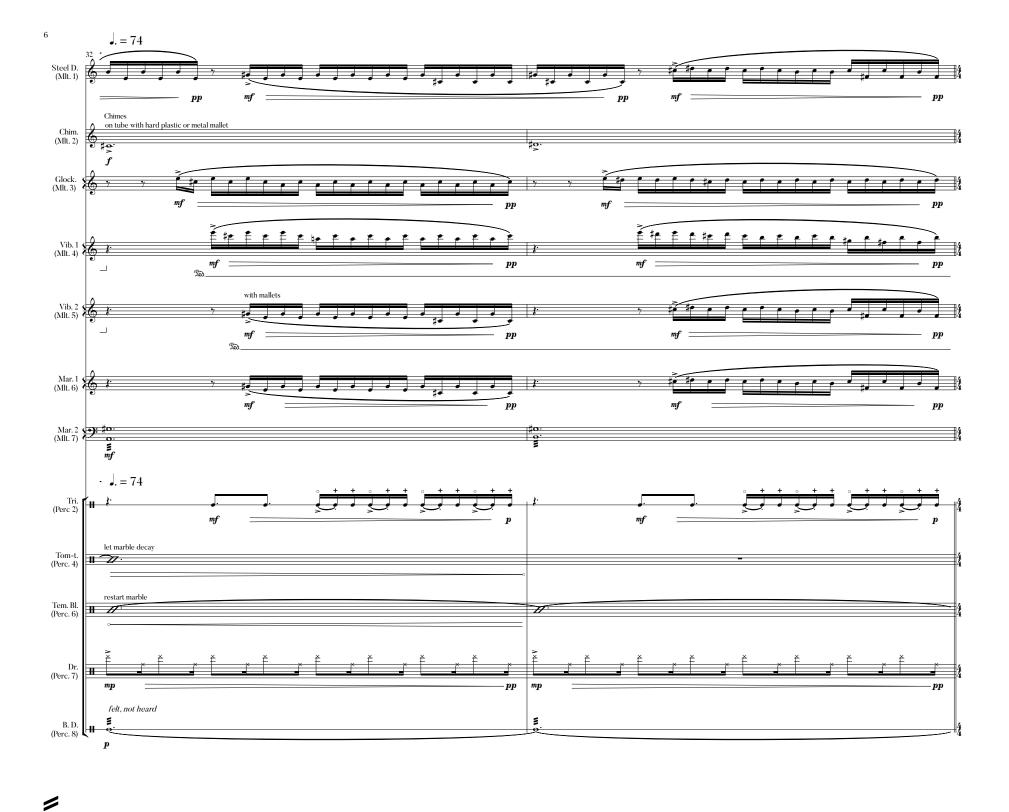






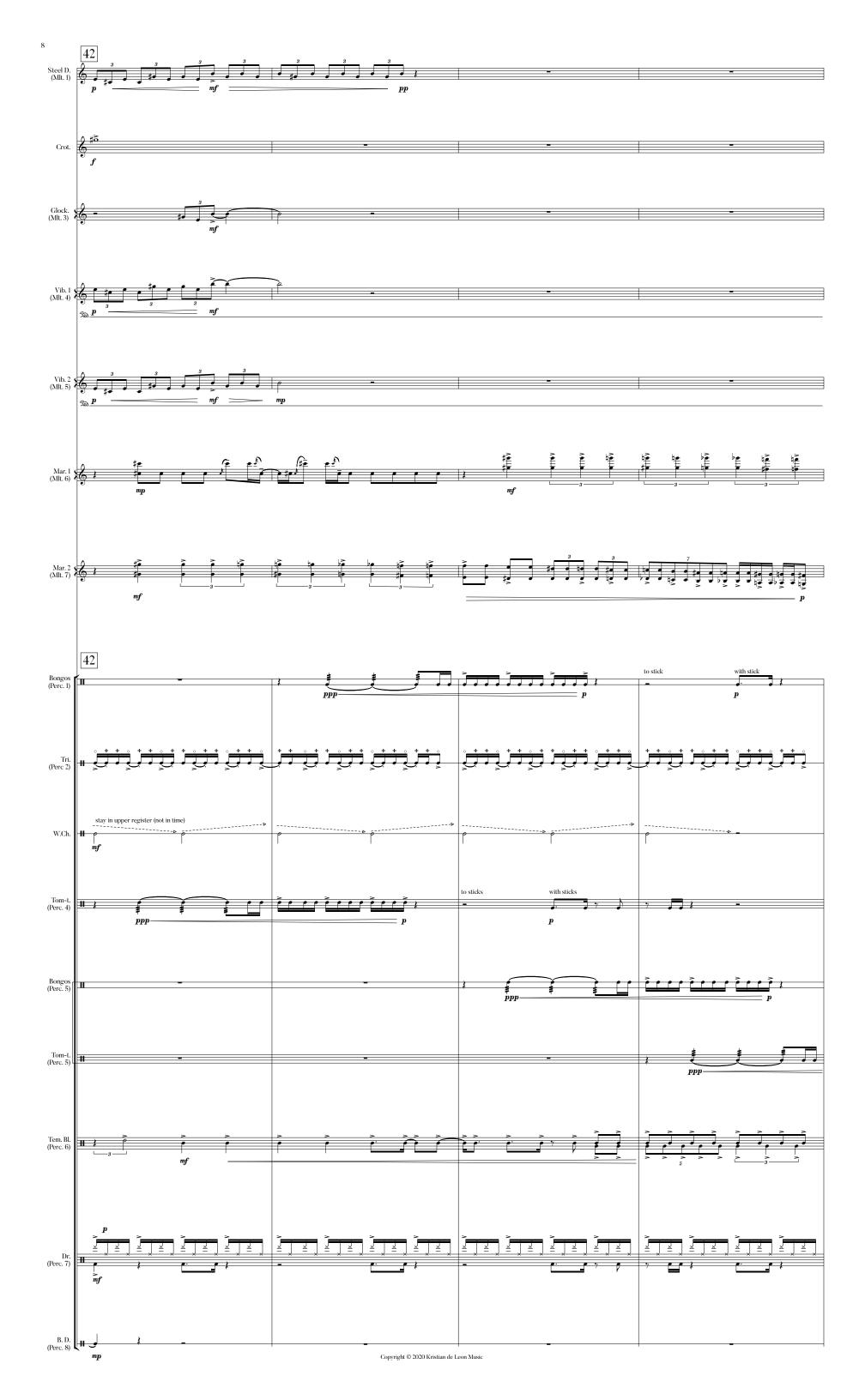






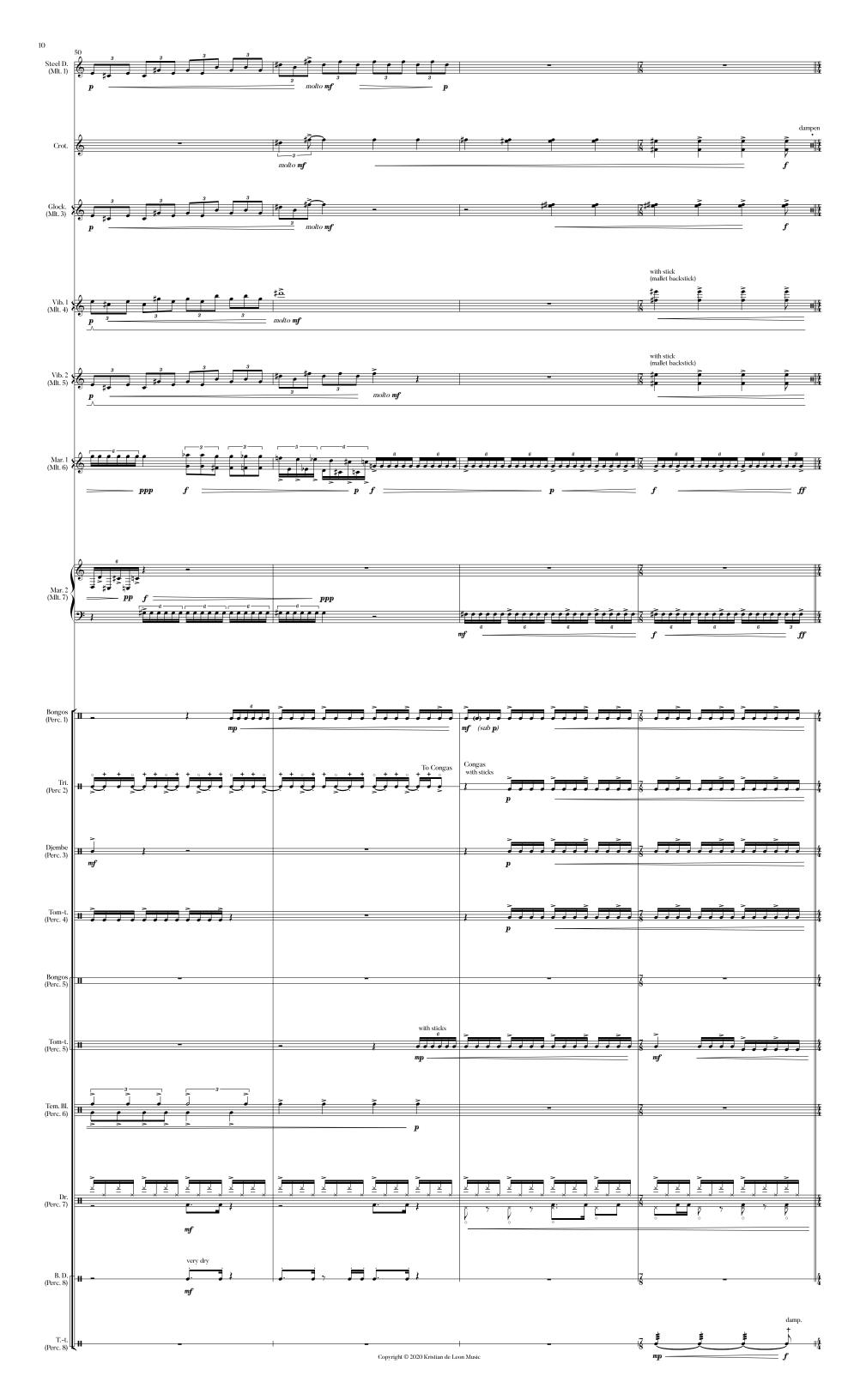






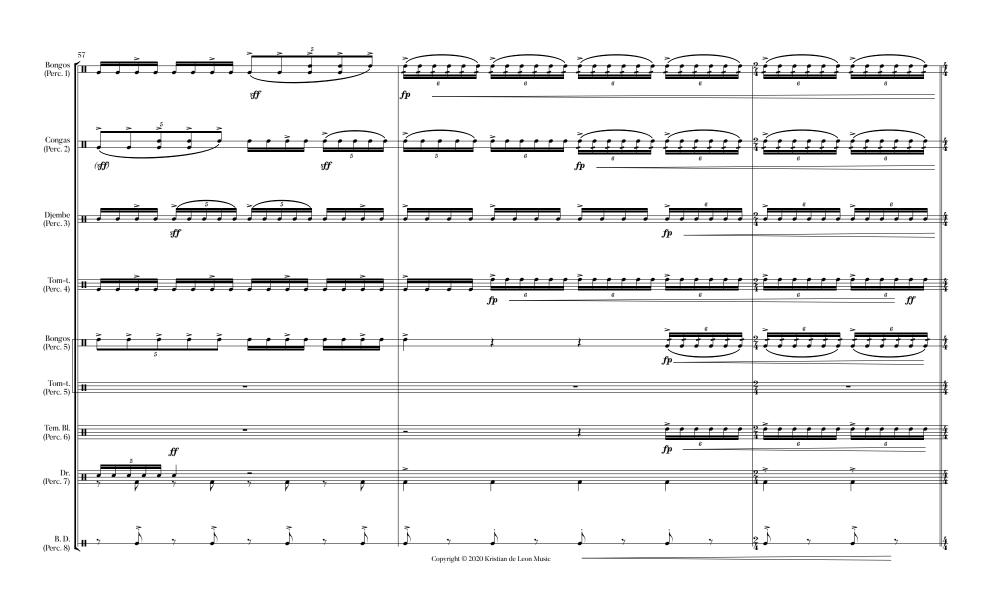
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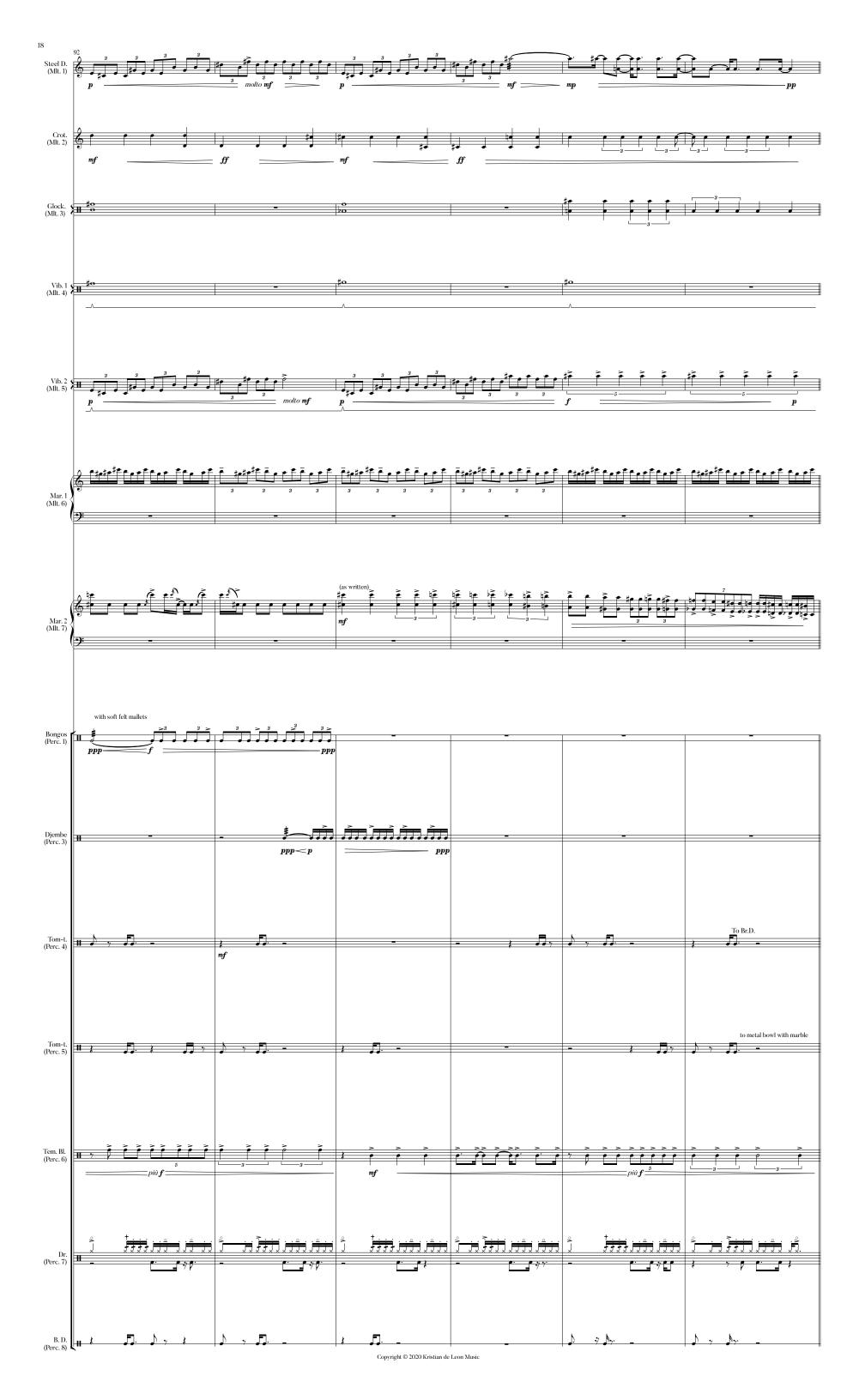












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