Sound of Failure

Experimental electronic music in our post-digital era

Gregory James Shapley

Doctorate of Creative Arts

2012

CERTIFICATE OF AUTHORSHIP/ORIGINALITY

I certify that the work in this thesis has not previously been submitted for a degree nor has it been submitted as part of requirements for a degree except as fully acknowledged within the text.

I also certify that the thesis has been written by me.

Any help that I have received in my research work and the preparation of the thesis itself has been acknowledged. In addition, I certify that all information sources and literature used are

indicated in the thesis.

Signature of Student

Acknowledgments

I would like to thank my supervisor, Professor Theo van Leeuwen, and former supervisor, Professor Norie Neumark, for all of their advice and encouragement throughout my post-graduate study. I would also like to acknowledge the participation of artists who performed and exhibited at the Sound of Failure festivals and Don't Look Gallery, especially those who took part in my experimental work,

Question/Answer...Interruption in 2008, being Shannon O'Neill, Jessica Tyrrell, Chris Caines, Peter Newman and Roger Mills.

I would also like to thank Christina Ho for her advice and support.

Finally, I should acknowledge the assistance of Nola Farnham for copyediting my thesis.

Contents

Acknowledgments	iii
Contents	iv
Illustrations	V
Abstract	vi
Introduction	1
Post-digital creativity – exploring granular synthesis, glitch, databending, and digital methods	•
The sound of noise and the noise in sound	38
The inadequacies of post-digital form	67
Minimalism, indeterminacy and post-digital composition	92
My Practice	124
Appendices	176
DVD (files for computer) and DVD (for DVD player – backup)	NSIDE BACK COVER

Illustrations

Illustration 1: Amplitude of Michael Jackson's 'Black or White' (1991, 1995 and 2007)	10
Illustration 2: Amplitude of Curtis Roads' 'Eleventh Vortex' (2001)	74
Illustration 3: Sonata form breakdown of 'Question/AnswerInterruption' (2008)	81
Illustration 4: Light Dependent Leaves from In Memoriam	134
Illustration 5: Leaves In Situ from In Memoriam	134
Illustration 6: Cone Work from In Memoriam	135
Illustration 7: Wheely Bin from In Memoriam	137
Illustration 8: Guitar Work from In Memoriam (Carriage Works)	140
Illustration 9: Record Player Work from In Memoriam (Carriage Works)	140
Illustration 10: In Memoriam: Downstream	143
Illustration 11: Retro-Music-Machine	147
Illustration 12: Retro-Music-Machine	147
Illustration 13: Picnic of the Damned	152
Illustration 14: Picnic of the Damned egg and spoon race (Super-8)	152
Illustration 15: Picnic of the Damned sack race (Super-8)	153
Illustration 16: Un/shore video still	155
Illustration 17: Un/shore video still (distant light low)	160
Illustration 18: Un/shore video still (distant light high)	160

Abstract

This thesis began as a way to both situate my practical work, and suggest (more broadly) future paths for experimental composers and artists in general. My compositions, over the past three decades have taken two main paths that are, I think, compatible: minimalism and the post-digital, but they have also been informed by complexism, indeterminacy and other theories and practices. The post-digital offers a chance to go beyond these historical groupings and, without contradiction, employ the most interesting aspects of all of them, but it also throws up new hurdles and challenges. Lately wide-eyed post-digitalists have recognised the need to address these issues but some of their solutions are just as problematic.

Most of my practical work concerns using conceptual notions of noise (in tandem with minimalistic methods of organisation) to create form through unhindered processes. It is this way of thinking and working that I want to explore as an alternative to the current post-digital discourse. In my thesis I address facets of mine, and current, practice that need teasing out, in a nutshell being: the current post-digitalism, the sound of noise versus noise as a creative generator, a critical appraisal of form (especially within the post-digital), and a rethink of minimalism as a predecessor to the post-digital. I conclude by presenting some of my own work, situating it loosely within frameworks already established within my writing.

