



ANNA XAMBÓ  
**DETUNING A TUNING**

**detuning a tuning** explores the sonic boundaries between tuning and detuning. The aural expedition consists of deconstructing audio recordings of Greg Chryssopoulos tuning a Kawai RX-6 grand piano at the School of Music, Georgia Tech, Atlanta, USA, recorded in February 2017.

The album explores algorithmic music composition using SuperCollider with spectral modelling synthesis, mainly using the FluCoMa library for the latter. The recorded tuning process is listened to by self-built algorithms and used to control an abstract synthesiser. This process generates an organic evocative "décollage" of textural sounds merged with the recordings.

The piano was Anna Xambó's first musical instrument to learn, but the framework behind the classical piano lessons made it challenging to think outside the box. This album is an original contribution to other ways of seeing the piano, from observing the first and often unseen part of the process: the tuning.

## **Acknowledgements**

Thanks to Greg Chryssopoulos for sharing the secrets of his profession and for letting it be recorded. Thank you to the Georgia Tech School of Music for the inspirational environment. Thanks to the BEAST festival organisers for inviting me to premiere seven of the nine tracks in multichannel at the BEAST Festival in Centrala on 11 March 2022. Also, thanks to the FluCoMa team for a great tool. Special thanks to Gerard.

**a0** (06:45)  
**traces** (07:12)  
**together** (02:41)  
**residual** (07:14)  
**triads** (06:30)  
**decollage** (04:22)  
**clock** (05:20)  
**emergence** (03:43)  
**creatures** (06:05)

**Mastering**  
Gerard Roma

**Artwork**  
Carpal Tunnel



[CT005] detuning a tuning by Anna Xambó  
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