

marco doettlinger

learning to die
(I)

für Alt-Stimme, Kontrabass-Klarinette
und AI-generierte Zuspieldung

Programm-Note

Im Rahmen der neun kurzen Stücke soll gezeigt werden, wie ein neuronales Netzwerk lernt, einen Datensatz zu generalisieren. Der Titel dieser Miniaturen – *learning to die* – bezieht sich dabei auf die verwendeten Trainingsdaten, berühmte Todesarien der Operngeschichte (eine Figur stirbt auf der Bühne). Die zugespielten Audio-Tracks sind vollständig vom Modell synthetisiert und spannen einen Bogen von geräuschhaften, wenig gestalthaften Ergebnissen der ersten Trainings-Epochen bis hin zu einer vokal-orchestralen Vorstellung des vollständig trainierten Modells.

für Helēna Sorokina & Marco Sala

DURATA ca. 8'–9'

Performance-Notes

Das Stück soll als Trio aufgefasst werden, Stimme, Klarinette und Audio-Track. Lautsprecher nicht verstecken. Nicht attacca, genug Zeit nehmen zwischen den neun Miniaturen. Audio-Track startet immer am Anfang jedes Stückes.

Positionen

Speaker
VOC KLAR

(Publikum)

Technik

Die Zuspiegelung besteht aus einem Mono-Track. 1 (Fullrange-) Speaker steht in der Mitte der Bühne (wenn die Positionen beleuchtet werden, Speaker als 3. Position mit-belichten).

Stimme und Klarinette unverstärkt, Lautstärke der Zuspiegelung an die MusikerInnen angepasst (nicht im Hintergrund, nicht zu laut).

Ein Klick-Track soll der Einstudierung dienen (bevorzugt bei der Aufführung ohne, sofern möglich).

Text

perform



[o]

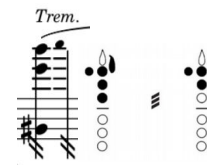
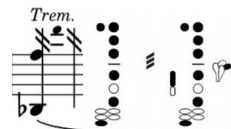
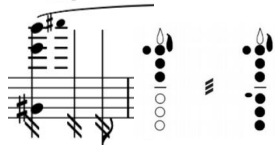
Sängerin und KlarinettestIn tun so, als würden sie weitermachen (VOC.: stummer Text [...], Mund offen etc., Klar.: „begleitend“), als wäre der hörbare Klang von ihnen produziert.

Nicht zu übertrieben, nicht humoristisch, kein Slapstick, so, dass erst nach einigen Malen klar wird, was vor sich geht.

intorno a me		PUCCINI, Manon Lescaut: Sola, perduta, abbandonata
bei sogni ridenti	<i>um mich herum</i>	VERDI, La Traviata: Addio del passato
L'amerai anche tu!	<i>schöne lachende Träume</i>	
	<i>auch Du wirst sie lieben</i>	PUCCINI, Turandot: Tu, che di gel sei cinta
in earth		PURCELL, Dido und Aeneas: When i am laid in earth
	<i>unter der Erde</i>	
In dem tönenden Schall		WAGNER, Tristan und Isolde: Liebestod
sorge il tremendo fantasma		DONIZETTI, Lucia di Lammermoor: in Dolce suono
	<i>erhebt sich das schreckliche Gespenst</i>	
se lo rammento!		PUCCINI, La Boheme: Sono andati
	<i>wenn ich mich recht erinnere</i>	
di là dal mare		PUCCINI, Madame Butterfly: Con onor muore
	<i>auf der anderen Seite des Meeres</i>	

KB.-Klarinette Multiphonic-Trem. (Leblanc)

Multiph.-Trem.



Überblasen: ① low ② mid ③ high

für Helēna Sorokina & Marco Sala

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Partitur transponierend

EPOCHS 1-3
♩ = 120

Alt-Stimme
stimmlos inhale 3 exhale ord. 5 stimmlos
Sch l dem dem dem dem
f *mp* *p < f* *mf*

Kontrabass-Klarinette(B)
Luft Flap Key-Clicks Subtones Zahnton Lft Flp sim.
pp *mf* *mp* *mp* *mf*

Alt-St.
tön tön tön tön tön e de
p < mf *p*

KB-Kl.
Zahnton Subtones
mf *mp* *ff*

Alt-St.
11 inhale 13 15
i de m ton
p *mf* *mp* *p*

KB-Kl.
Zahn Subtones
mf *sfz* *mp* *ff* *mp* *p*

EPOCHS 6-8

♩ = 120

Alt-Stimme

Musical score for Alto voice, measures 1-4. The staff shows a melodic line with lyrics: "so so so so so so so so so so". The notes are marked with 'x' above them. Dynamics include *mp* and *f*. Performance instructions include *espr.*, *perform*, and *inhale*. A triplet of notes is marked with a '3' above it.

Kontrabass-Klarinette(B)

Musical score for Bass Clarinet (B), measures 1-4. The staff shows a complex rhythmic accompaniment with many sixteenth notes. Dynamics include *pp*, *mf*, and *f*. Performance instructions include *Subtones*, *ord.*, *espr.*, *perform*, and *Luft&Flz.*

Alt-St.

Musical score for Alto voice, measures 5-14. The staff shows a melodic line with lyrics: "ge il", "'schnarchen' tr", "e m e n", "no a m", "[e] do". Dynamics include *mp*, *mf*, and *mp*. Performance instructions include *ord.*, *espr.*, *perform*, and *ord.*. Measure numbers 5, 7, 9, 11, and 13 are indicated above the staff.

KB-Kl.

Musical score for Bass Clarinet (B), measures 5-14. The staff shows a complex rhythmic accompaniment. Dynamics include *mf*, *ff*, *mf*, *mp*, *mp*, *p*, and *mf*. Performance instructions include *Luft&Flz. (hinten)*, *perform*, and *ord.*. Circled numbers 1, 2, and 3 with arrows indicate specific performance techniques.

Alt-St.

Musical score for Alto voice, measures 15-24. The staff shows a melodic line with lyrics: "a n ta s", "bel so gni", "[i] ma". Dynamics include *mf*, *f*, and *mf*. Performance instructions include *stimmlos*, *espr.*, *perform*, and *ord.*. Measure numbers 15, 17, 19, and 21 are indicated above the staff.

KB-Kl.

Musical score for Bass Clarinet (B), measures 15-24. The staff shows a complex rhythmic accompaniment. Dynamics include *pp*, *sfz*, *ff*, *mf*, *f*, *ff*, and *mp*. Performance instructions include *Subtones*, *SLP (open)*, *perform*, and *Growl*. Circled numbers 1, 2, and 3 with arrows indicate specific performance techniques.

EPOCHS 9-10

♩ = 120

Alt-Stimme

Musical notation for the Alt-Stimme part, measures 1-11. The staff shows a vocal line with various dynamics and articulations. Dynamics include *mp*, *mf*, and *f*. Articulations include *ord.*, *stimmlos*, and *mf*. There are also markings for *se*, *e*, and *s*.

Kontrabass-Klarinette(B)

Musical notation for the Kontrabass-Klarinette(B) part, measures 1-11. The staff shows a woodwind line with various dynamics and articulations. Dynamics include *mp*, *mf*, *p*, and *f*. Articulations include *Multiph.-Trem. sempre*, *Trem.*, and *Sub.*.

Alt-St.

Musical notation for the Alt-St. part, measures 13-19. The staff shows a vocal line with lyrics: *ra men to ri i den ti i [i] se e lo o ri den ti*. Dynamics include *f*, *mf*, and *f*. Articulations include *ord.*, *espr.*, *perform*, and *stimmlos*.

KB-Kl.

Musical notation for the KB-Kl. part, measures 13-19. The staff shows a woodwind line with various dynamics and articulations. Dynamics include *f*, *fp*, *f*, and *mf*. Articulations include *ord.*, *SLP*, *perform*, and *Sub.*.

EPOCHS 11-12

♩ = 120

Alt-Stimme

ord. 3 5 7 9

se lo ra me en

mp mf f p

KB-Kl.

mp < mf sfz p sfz pp < ff sfz ff

SLP (open) SLP (open) bisp. SLP Growl

Alt-St.

Obertongesang

ord. 3 11 13 15 17

to ra a men to to to

< mf mf p < mf mf

KB-Kl.

< mp mf mp mf p < mp mf p < f mp mf

Trem. Trem. Trem. Trem.

EPOCHS 13-16

♩ = 120

Alt-Stimme

ord. 3 5 *gesprochen* ord. 3 7 9 11 13 *perform*

mf di la di *f* ma re del ma re *f* l'a a m [e]

Kontrabass-Klarinette(B)

mp *bisp.* *SLP (open)* *Sfz* *Sfz* *pp* *mf* *Trem.* *mp* *f* *mp* *f* *perform*

Alt-St.

3 15 *perform* 17 *perform* 19 ord. 21 23 *Obertongesang*

mf < *f* me rai [ai] an ch tu *f* di la *mp*

KB-Kl.

mf *perform* *pp* *mp* *f* *Sfz* *pp* < *mf* *p* < *mf* *mp* > *p* < *mp* >

Alt-St.

25 27 *espr.* *perform* ord. 29 31 *espr.* *perform* 33 *espr.* *perform* 35 *espr.* *perform*

mp *espr.* l'am ai [ai] ai ai ai *mf* an che *f* tu [u] tu [u]

KB-Kl.

p *f* *p* *espr.* *ord.* *perform* *ord.* *perform* *ord.* *perform*

EPOCHS 17-18

♩ = 120

Alt-Stimme

ord

3

5

di i i i i la a a a a

mf

Kontrabass-Klarinette(B)

mf

Alt-St.

7

9

11

da a da

tr

ff

mf

ff

ff

Alt-St.

13

15

17

espr.

p

f

perform

ord.

i i i n i ear [th] da a a al ma a a a re e e

mf

pp

f

mf

EPOCHS 19

♩ = 120

Alt-Stimme

mf

Kontrabass-Klarinette(B)

mf

Alt-St.

Obertongesang
oooo

11 13 15 17

mf

Trem.

mp *f* *mp*

in ear [th] a l

perform ord.

perform ord.

mp *f* *mp*

KB-Kl.

mf

EPOCHS 20-21

♩ = 120

Alt-Stimme

Musical score for Alt-Stimme. The staff shows a vocal line with lyrics: "in ear th [th] ma a a ma a a re e ma a a re e ma a a a". The music is in 3/8 time, with a tempo of 120. Dynamics include *pp*, *mf*, and *mp*. There are performance markings for a triplet and an order. The score includes a fermata over the first measure and a 3-measure rest.

Kontrabass-Klarinette(B)

Musical score for Kontrabass-Klarinette(B). The staff shows a bass line with dynamics *pp*, *fp*, and *mp*. It includes performance markings for a triplet and an order. The score includes a fermata over the first measure and a 3-measure rest.

Alt-St.

Musical score for Alt-St. The staff shows a vocal line with lyrics: "re e ma re re e ma a re e". The music is in 8/8 time, with a tempo of 120. Dynamics include *pp*, *mf*, and *mp*. There are performance markings for a triplet and an order. The score includes a fermata over the first measure and a 3-measure rest.

KB-Kl.

Musical score for KB-Kl. The staff shows a bass line with dynamics *pp*, *fp*, and *mp*. It includes performance markings for a triplet and an order. The score includes a fermata over the first measure and a 3-measure rest.

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