

Stylistic Composition

2017-18

Seminar 2 – 4 October 2017
Tintinnabuli

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Assignment 1: Arvo Pärt

How Is Stylistic Composition Used?

Temp tracks in film-making:

Every Frame a Painting - *The Marvel Symphonic Universe*

<https://www.youtube.com/watch?v=7vfqkvwW2fs&feature=youtu.be&t=7m50s>

Plan for this Assignment

SEPTEMBER	27	Introduction to Stylistic Composition and Arvo Pärt
OCTOBER	4	Tintinnabulation
	11	Melody/Process/typesetting
	18	Pärt
	25	Formative Assessment (Bring in your work!)
NOVEMBER	1	Pärt/Assignment 2
	6	SUBMISSION

Assignment 1

Compose a c.1-2 minute piece for solo piano in the style of Arvo Pärt's *Für Alina*.

The piece should use stylistically appropriate melodic and harmonic material, and feature the tintinnabulation technique discussed in the seminars.

The assignment should be typeset using notational software. It should be uploaded to Grade Centre by 11:59 pm on **Monday 6 November 2017**.

You should aim to submit a draft of this assignment in class on **Wednesday 25 October 2017** for formative feedback. If you have any queries regarding this assignment, contact david.pocknee@hud.ac.uk.

Allegretto

(For Elena)

ARVO PART
1976.

Спокойно, возвышенно, вслушиваясь

Handwritten musical score for the first system, marked *piano* (*p*). The system consists of three staves. The top staff is in treble clef with a key signature of one sharp (F#) and a 3/4 time signature. It begins with a fermata over a whole note, followed by a half note and a quarter note. The middle staff is in treble clef with a key signature of one sharp (F#) and a 3/4 time signature. It begins with a fermata over a whole note, followed by a half note and a quarter note. The bottom staff is in bass clef with a key signature of one sharp (F#) and a 3/4 time signature. It begins with a fermata over a whole note, followed by a half note and a quarter note. The word *Red.* is written below the bottom staff.

Handwritten musical score for the second system, marked *piano* (*p*). The system consists of three staves. The top staff is in treble clef with a key signature of one sharp (F#) and a 3/4 time signature. It begins with a fermata over a whole note, followed by a half note and a quarter note. The middle staff is in treble clef with a key signature of one sharp (F#) and a 3/4 time signature. It begins with a fermata over a whole note, followed by a half note and a quarter note. The bottom staff is in bass clef with a key signature of one sharp (F#) and a 3/4 time signature. It begins with a fermata over a whole note, followed by a half note and a quarter note. The word *Red.* is written below the bottom staff.

Tintinnabuli Series

1976:

1. *Calix*
2. *Modus*
3. *Trivium*
4. *Für Alina*
5. *Kui Bach oleks mesilasi pidanud*
6. *Pari Intervallo*
7. *In Spe*

***Für Alina* (1976)**

- Recording:
 - <http://uhuddersfield.naxosmusiclibrary.com.libaccess.hud.ac.uk/stream.asp?s=68782%2Fhud12%2Fkx1749%5F001>
 - <https://www.youtube.com/watch?v=qYXkunuzWeSM>

Für Alina Score

- The only notation related to tempo is *Ruhig, erhaben, in sich hineinhorchend*, which roughly translates as peacefully, in an elevated and introspective manner.

Tintinnabuli

- “The basis of tintinnabuli style is a two-part texture (working always note against note), consisting of a 'melodic' voice moving mostly by step from or towards a central pitch (often, but not always, the tonic) and a 'tintinnabuli' voice sounding the notes of the tonic triad.”
 - Hillier P. (1997) *Arvo Pärt* Oxford: Oxford University Press, p. 93
- The word *Tintinnabulum* means “a small tinkling bell”.

Tintinnabulation

- Two voices:
 - Melodic voice (M-voice)
 - modal
 - “moving mostly by step from or towards a central pitch (often the tonic)”
 - Rarely composed freely (*Für Alina* is an exception)
 - Tintinnabuli voice (T-voice)
 - Tonal
 - “sounds the notes of the tonic triad”
 - Always a note in the triad (other than a unison or octave)

Tinnabuli Possibilities

- Position:
 - 1st position – the pitch in the triad nearest to the M-voice
 - 2nd position – the pitch in the triad 2nd nearest to the M-voice
- Relationship:
 - Superior – T-voice is above the M-voice
 - Inferior – T-voice is below the M-voice

Tintinnabuli Possibilities



1st position, superior



2nd position, superior



1st position, inferior



2nd position, inferior

- 1st position, alternating
- 2nd position, alternating

De Profundis

Tintinnabuli Examples

- 1st position, superior
- 2nd position, superior
 - *De profundis* – bass voice, bar 21
 - <http://uhuddersfield.naxosmusiclibrary.com.libaccess.hud.ac.uk/stream.asp?s=68782%2Fhud12%2Frb7677%5F001>
- 1st position, inferior
 - *Cantus in Memory of Benjamin Britten* - Violin II, bar 2
 - <http://uhuddersfield.naxosmusiclibrary.com.libaccess.hud.ac.uk/stream.asp?s=68782%2Fhud12%2Frb7670%5F001>
- 2nd position, inferior
 - *Fratres* (cello version) – bar 28
- 1st position, alternating
 - *tabula rasa* - violin I, Rehearsal 3, pg 4
 - <http://uhuddersfield.naxosmusiclibrary.com.libaccess.hud.ac.uk/streamw.asp?ver=2.0&s=68782%2Fhud12%2F1469339>
- 2nd position, alternating
 - *De profundis* – organ part, bar 1

Tintinnabuli Examples

1st position, superior: *De profundis* – tenor and bass, bar 76

II

Ip - se re - di - met Is - ra - el

This musical score is for the first position, superior of 'De profundis', bar 76. It features two staves: a treble staff (labeled II) and a bass staff. The key signature is one sharp (F#). The melody in the treble staff consists of quarter notes: G4, A4, B4, C5, B4, A4, G4. The bass staff provides a harmonic accompaniment with quarter notes: E3, F#3, G3, A3, B3, C4, D4. The lyrics 'Ip - se re - di - met Is - ra - el' are written below the bass staff.

2nd position, superior: *De profundis* – bass voice, bar 21

mp

mp

Si i - ni - qui - ta - tes ob - ser - va - ve - ris Do - mi - ne:

This musical score is for the second position, superior of 'De profundis', bar 21. It features two staves, both in bass clef. The key signature is one sharp (F#). The melody in the upper staff consists of quarter notes: G2, A2, B2, C3, D3, E3, F#3, G3, A3, B3, C4, D4, E4, F#4, G4, A4, B4, C5, D5, E5, F#5, G5, A5, B5, C6, D6, E6, F#6, G6, A6, B6, C7, D7, E7, F#7, G7, A7, B7, C8, D8, E8, F#8, G8, A8, B8, C9, D9, E9, F#9, G9, A9, B9, C10, D10, E10, F#10, G10, A10, B10, C11, D11, E11, F#11, G11, A11, B11, C12, D12, E12, F#12, G12, A12, B12, C13, D13, E13, F#13, G13, A13, B13, C14, D14, E14, F#14, G14, A14, B14, C15, D15, E15, F#15, G15, A15, B15, C16, D16, E16, F#16, G16, A16, B16, C17, D17, E17, F#17, G17, A17, B17, C18, D18, E18, F#18, G18, A18, B18, C19, D19, E19, F#19, G19, A19, B19, C20, D20, E20, F#20, G20, A20, B20, C21, D21, E21, F#21, G21, A21, B21, C22, D22, E22, F#22, G22, A22, B22, C23, D23, E23, F#23, G23, A23, B23, C24, D24, E24, F#24, G24, A24, B24, C25, D25, E25, F#25, G25, A25, B25, C26, D26, E26, F#26, G26, A26, B26, C27, D27, E27, F#27, G27, A27, B27, C28, D28, E28, F#28, G28, A28, B28, C29, D29, E29, F#29, G29, A29, B29, C30, D30, E30, F#30, G30, A30, B30, C31, D31, E31, F#31, G31, A31, B31, C32, D32, E32, F#32, G32, A32, B32, C33, D33, E33, F#33, G33, A33, B33, C34, D34, E34, F#34, G34, A34, B34, C35, D35, E35, F#35, G35, A35, B35, C36, D36, E36, F#36, G36, A36, B36, C37, D37, E37, F#37, G37, A37, B37, C38, D38, E38, F#38, G38, A38, B38, C39, D39, E39, F#39, G39, A39, B39, C40, D40, E40, F#40, G40, A40, B40, C41, D41, E41, F#41, G41, A41, B41, C42, D42, E42, F#42, G42, A42, B42, C43, D43, E43, F#43, G43, A43, B43, C44, D44, E44, F#44, G44, A44, B44, C45, D45, E45, F#45, G45, A45, B45, C46, D46, E46, F#46, G46, A46, B46, C47, D47, E47, F#47, G47, A47, B47, C48, D48, E48, F#48, G48, A48, B48, C49, D49, E49, F#49, G49, A49, B49, C50, D50, E50, F#50, G50, A50, B50, C51, D51, E51, F#51, G51, A51, B51, C52, D52, E52, F#52, G52, A52, B52, C53, D53, E53, F#53, G53, A53, B53, C54, D54, E54, F#54, G54, A54, B54, C55, D55, E55, F#55, G55, A55, B55, C56, D56, E56, F#56, G56, A56, B56, C57, D57, E57, F#57, G57, A57, B57, C58, D58, E58, F#58, G58, A58, B58, C59, D59, E59, F#59, G59, A59, B59, C60, D60, E60, F#60, G60, A60, B60, C61, D61, E61, F#61, G61, A61, B61, C62, D62, E62, F#62, G62, A62, B62, C63, D63, E63, F#63, G63, A63, B63, C64, D64, E64, F#64, G64, A64, B64, C65, D65, E65, F#65, G65, A65, B65, C66, D66, E66, F#66, G66, A66, B66, C67, D67, E67, F#67, G67, A67, B67, C68, D68, E68, F#68, G68, A68, B68, C69, D69, E69, F#69, G69, A69, B69, C70, D70, E70, F#70, G70, A70, B70, C71, D71, E71, F#71, G71, A71, B71, C72, D72, E72, F#72, G72, A72, B72, C73, D73, E73, F#73, G73, A73, B73, C74, D74, E74, F#74, G74, A74, B74, C75, D75, E75, F#75, G75, A75, B75, C76, D76, E76, F#76, G76, A76, B76, C77, D77, E77, F#77, G77, A77, B77, C78, D78, E78, F#78, G78, A78, B78, C79, D79, E79, F#79, G79, A79, B79, C80, D80, E80, F#80, G80, A80, B80, C81, D81, E81, F#81, G81, A81, B81, C82, D82, E82, F#82, G82, A82, B82, C83, D83, E83, F#83, G83, A83, B83, C84, D84, E84, F#84, G84, A84, B84, C85, D85, E85, F#85, 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F#227, G227, A227, B227, C228, D228, E228, F#228, G228, A228, B228, C229, D229, E229, F#229, G229, A229, B229, C230, D230, E230, F#230, G230, A230, B230, C231, D231, E231, F#231, G231, A231, B231, C232, D232, E232, F#232, G232, A232, B232, C233, D233, E233, F#233, G233, A233, B233, C234, D234, E234, F#234, G234, A234, B234, C235, D235, E235, F#235, G235, A235, B235, C236, D236, E236, F#236, G236, A236, B236, C237, D237, E237, F#237, G237, A237, B237, C238, D238, E238, F#238, G238, A238, B238, C239, D239, E239, F#239, G239, A239, B239, C240, D240, E240, F#240, G240, A240, B240, C241, D241, E241, F#241, G241, A241, B241, C242, D242, E242, F#242, G242, A242, B242, C243, D243, E243, F#243, G243, A243, B243, C244, D244, E244, F#244, G244, A244, B244, C245, D245, E245, F#245, G245, A245, B245, C246, D246, E246, F#246, G246, A246, B246, C247, D247, E247, F#247, G247, A247, B247, C248, D248, E248, F#248, G248, A248, B248, C249, D249, E249, F#249, G249, A249, B249, C250, D250, E250, F#250, G250, A250, B250, C251, D251, E251, F#251, G251, A251, B251, C252, D252, E252, F#252, G252, A252, B252, C253, D253, E253, F#253, G253, A253, B253, C254, D254, E254, F#254, G254, A254, B254, C255, D255, E255, F#255, G255, A255, B255, C256, D256, E256, F#256, G256, A256, B256, C257, D257, E257, F#257, G257, A257, B257, C258, D258, E258, F#258, G258, A258, B258, C259, D259, E259, F#259, G259, A259, B259, C260, D260, E260, F#260, G260, A260, B260, C261, D261, E261, F#261, G261, A261, B261, C262, D262, E262, F#262, G262, A262, B262, C263, D263, E263, F#263, G263, A263, B263, C264, D264, E264, F#264, G264, A264, B264, C265, D265, E265, F#265, G265, A265, B265, C266, D266, E266, F#266, G266, A266, B266, C267, D267, E267, F#267, G267, A267, B267, C268, D268, E268, F#268, G268, A268, B268, C269, D269, E269, F#269, G269, A269, B269, C270, D270, E270, F#270, G270, A270, B270, C271, D271, E271, F#271, G271, A271, B271, C272, D272, E272, F#272, G272, A272, B272, C273, D273, E273, F#273, G273, A273, B273, C274, D274, E274, F#274, G274, A274, B274, C275, D275, E275, F#275, G275, A275, B275, C276, D276, E276, F#276, G276, A276, B276, C277, D277, E277, F#277, G277, A277, B277, C278, D278, E278, F#278, G278, A278, B278, C279, D279, E279, F#279, G279, A279, B279, C280, D280, E280, F#280, G280, A280, B280, C281, D281, E281, F#281, G281, A281, B281, C282, D282, E282, F#282, G282, A282, B282, C283, D283, E283, F#283, G283, A283, B283, C284, D284, E284, F#284, G284, A284, B284, C285, D285, E285, F#285, G285, A285, B285, C286, D286, E286, F#286, G286, A286, B286, C287, D287, E287, F#287, G287, A287, B287, C288, D288, E288, F#288, G288, A288, B288, C289, D289, E289, F#289, G289, A289, B289, C290, D290, E290, F#290, G290, A290, B290, C291, D291, E291, F#291, G291, A291, B291, C292, D292, E292, F#292, G292, A292, B292, C293, D293, E293, F#293, G293, A293, B293, C294, D294, E294, F#294, G294, A294, B294, C295, D295, E295, F#295, G295, A295, B295, C296, D296, E296, F#296, G296, A296, B296, C297, D297, E297, F#297, G297, A297, B297, C298, D298, E298, F#298, G298, A298, B298, C299, D299, E299, F#299, G299, A299, B299, C300, D300, E300, F#300, G300, A300, B300, C301, D301, E301, F#301, G301, A301, B301, C302, D302, E302, F#302, G302, A302, B302, C303, D303, E303, F#303, G303, A303, B303, C304, D304, E304, F#304, G304, A304, B304, C305, D305, E305, F#305, G305, A305, B305, C306, D306, E306, F#306, G306, A306, B306, C307, D307, E307, F#307, G307, A307, B307, C308, D308, E308, F#308, G308, A308, B308, C309, D309, E309, F#309, G309, A309, B309, C310, D310, E310, F#310, G310, A310, B310, C311, D311, E311, F#311, G311, A311, B311, C312, D312, E312, F#312, G312, A312, B312, C313, D313, E313, F#313, G313, A313, B313, C314, D314, E314, F#314, G314, A314, B314, C315, D315, E315, F#315, G315, A315, B315, C316, D316, E316, F#316, G316, A316, B316, C317, D317, E317, F#317, G317, A317, B317, C318, D318, E318, F#318, G318, A318, B318, C319, D319, E319, F#319, G319, A319, B319, C320, D320, E320, F#320, G320, A320, B320, C321, D321, E321, F#321, G321, A321, B321, C322, D322, E322, F#322, G322, A322, B322, C323, D323, E323, F#323, G323, A323, B323, C324, D324, E324, F#324, G324, A324, B324, C325, D325, E325, F#325, G325, A325, B325, C326, D326, E326, F#326, G326, A326, B326, C327, D327, E327, F#327, G327, A327, B327, C328, D328, E328, F#328, G328, A328, B328, C329, D329, E329, F#329, G329, A329, B329, C330, D330, E330, F#330, G330, A330, B330, C331, D331, E331, F#331, G331, A331, B331, C332, D332, E332, F#332, G332, A332, B332, C333, D333, E333, F#333, G333, A333, B333, C334, D334, E334, F#334, G334, A334, B334, C335, D335, E335, F#335, G335, A335, B335, C336, D336, E336, F#336, G336, A336, B336, C337, D337, E337, F#337, G337, A337, B337, C338, D338, E338, F#338, G338, A338, B338, C339, D339, E339, F#339, G339, A339, B339, C340, D340, E340, F#340, G340, A340, B340, C341, D341, E341, F#341, G341, A341, B341, C342, D342, E342, F#342, G342, A342, B342, C343, D343, E343, F#343, G343, A343, B343, C344, D344, E344, F#344, G344, A344, B344, C345, D345, E345, F#345, G345, A345, B345, C346, D346, E346, F#346, G346, A346, B346, C347, D347, E347, F#347, G347, A347, B347, C348, D348, E348, F#348, G348, A348, B348, C349, D349, E349, F#349, G349, A349, B349, C350, D350, E350, F#350, G350, A350, B350, C351, D351, E351, F#351, G351, A351, B351, C352, D352, E35

Tintinnabuli Examples

2nd position, inferior: *De Profundis* - tenor and basses, bar 32

32

T. et pro - pter le - gem tu - am su - sti - nu - i te Do - mi - ne.

B. et pro - pter le - gem tu - am su - sti - nu - i te Do - mi - ne.

1st position, alternating: *tabula rasa* - violin I, Rehearsal 3, pg 4

Vl. I

Vl. II

Vle.

Vc.

Cb.

G.P.

6/2

4/4

p

p

p

p

p

p

Tintinnabuli Examples

2nd position, alternating: *De profundis* – organ part, bar 1

The image shows a musical score for an organ part, specifically bar 1. The score is written on two staves, both using treble clefs. The key signature is one sharp (F#). The top staff is marked with a dynamic of *pp* (pianissimo) and a registration marking *SW.* (Soft Wind). The bottom staff is marked with a dynamic of *pp* and a registration marking *HW.* (Hard Wind). The music consists of a series of notes, primarily eighth and sixteenth notes, with some rests. The notation includes various accidentals and articulation marks.

Exercise Solutions

Different Types Of Tintinnabuli

- *Für Alina* (1976)
 - <https://www.youtube.com/watch?v=qYXkunzWeSM>
- *Fratres* (1978) for 4,8,12 Cellos [page 5 bar 28]
 - <https://www.youtube.com/watch?v=llUphvs5Zwc>
- *Cantus in Memory of Benjamin Britten* (1977)
 - <https://www.youtube.com/watch?v=sp2oxWdRMuk>
- *Tabula Rasa* (1977)
 - <https://www.youtube.com/watch?v=vu1BcNeebMI>

There are many aspects of tintinnabuli music which lead people to think of it as 'modal': it does not modulate, and there is virtually no chromaticism; the harmony² is not 'functional'—it does not provide a structural sense of tension and release; and the constant triadic presence is suggestive of the drone that is frequently a feature of modal music. In truth, questions of tonality and modality are problematized by the confusions of terminology which already exist in music history. Pärt's tintinnabuli music is a new blend of tonal and modal forces. Its use of tempered tuning and its triadic emphasis categorically refute the idea that this music is neo-medieval. Equally, its tonal stasis sets it apart from conventional tonality, for the constant presence of the same triad neutralizes any functional capabilities of pitches outside it.

The basis of tintinnabuli style is a two-part texture (working always note against note), consisting of a 'melodic' voice³ moving mostly by step from or towards a central pitch (often, but not always, the tonic) and a 'tintinnabuli' voice sounding the notes of the

³ I use the word 'voice' here and elsewhere to denote a single musical line.

The M-voice may be constructed in accordance with a textual pattern or a purely abstract musical procedure; very rarely is it composed freely. But however the M-voice is composed, the T-voice is fitted to it in a relationship that is never casual, but is ruled by a single principle which can function in various ways: the tintinnabuli note is always a note in the triad (other than a unison or octave) related in some specific and constant way to the melodic note. Once a particular relationship has been chosen, it is adhered to consistently.

Before embarking on an exposition of tintinnabuli practices, it is important to stress that these are best regarded not as rules, but as guiding principles from which ‘rules’ can be deduced from piece to piece. In other words, the ‘rules’ may change, or at least evolve, but they emanate from the central principle of vertical and horizontal combination which lies at the heart of tintinnabuli composition.

Ex. 13*a* shows a sample of very basic tintinnabuli technique in which the T-voice is alternately the next triadic pitch above and then the next below the M-voice. In fact, the T-voice may be in one of two 'positions' relative to the M-voice; and it may either remain fixed above or below the M-voice, or it may alternate above and below. Thus we arrive at the following list of positions:

1. The T-voice provides that pitch in the triad which is nearest to the M-voice: '1st position'.
2. The T-voice pitch is the next but one in the triad: '2nd position'.

There are then theoretically three possible manners in which these T-voice positions may be applied:

alternating

⁴ It is important to state that words like 'tonic', 'dominant', and 'subdominant' are useful here as familiar pitch indicators, but do not carry the conventional meanings we associate with them when we talk about functional, or common-practice, tonality.

- Alternating above and below the M-voice: 'alternating'.
- Remaining above the M-voice: 'superior'.
- Remaining below the M-voice: 'inferior'.

In practice, the 1st position is frequently used in the alternating manner, whereas the 2nd position is normally used remaining superior or inferior.

In addition to this is the option of beginning an alternating sequence from either above or below; as tintinnabuli music is built on principles of symmetry, this is a small yet significant detail. Ex. 13b shows the application of some of these basic positions to a simple scale of A minor. Any T-voice can be transposed to a different octave. One such transposition gives the illusion of a third T-position. In Ex. 13c the superior T-voice provides the most distant triadic pitch within the octave from the M-voice; but it is in essence an octave transposition of the inferior (1st position) T-voice. Which way the ear actually registers this is a moot point.

Ex. 13b

1st position, superior

2nd position, superior

1st position, inferior

2nd position, inferior

Ex. 13c



Constructing the M-voice

Although the composition of the M-voice always comes first, it is much more variable from work to work, and may range from the most basic pattern of scales moving strictly by step, to varieties of reiterated pitches or variations on the scale pattern with small interval leaps and melodic turns. None the less, the range of possibilities for M-voice construction can be condensed into four basic patterns, which are quite simply scales ascending or descending, to or from a central pitch; this central pitch is often the tonic (i.e. the tonic of the tintinnabuli triad), but it may also be another pitch (normally one of the other pitches in the tintinnabuli triad). In speaking of the M-voice I will refer to its 'pitch centre', to distinguish it from the triadic tonic of the T-voice (e.g. the T-voice may use the notes of the A minor triad, while the M-voice may use C as its pitch centre).

I have designated these M-voice types 'modes', because they are indeed scalar models; the word 'mode' has accumulated so many different meanings, rhythmic as well as melodic, that one more will surely do no harm! The fact that this is abbreviated to M, which can be conflated with 'melodic', only strengthens the meaning of 'mode' as used here (just as T can be seen to imply both tintinnabuli and triadic).



Ex. 13d shows the four modes, or ways of moving by step from or towards a central pitch—in this example, the tonic in A minor. In maintaining a systematic balance, the natural relationships between these four modes are clearly important: modes 1 and 2 are often combined in creating a melodic phrase, as are modes 1 and 3; we similarly find 3 and 4 as a pair, or 2 and 4. Less likely is a combination of 1 and 4, or 2 and 3.

When we add to these basic models the possibilities of different kinds of M-voice (the use of reiterated pitches or a melodic line that is not purely by step), the use of different pitch centres for the M-voice, octave transposition, and tacets for either of the two voices (these will be discussed later, especially in Chapter 7 on *Passio*), the manifold subtleties of this fundamentally simple concept will become quickly apparent.

Ex. 13d

1st mode

2nd mode

3rd mode

4th mode