

#### **Orchestral Texture Models**

No.	Composer	Title	Orchestration	Тетро	Dynamic	Notes
M1	Mozart	Divertimento (K136), First movement	Strings	Allegro	F	First 10 bars violin melody plus chordal accompaniment plus some sixths in second violin.
M2	Haydn	Symphony 45 (Farewell), Finale	Strings, 2 ob., 2 hn.	Presto	Alternating P and F	First 15 bars alternates simple MDH with unison writing
M3	Haydn	Symphony 94 (Surprise), Minuetto	Strings, 2 fl., 2 ob., 2 fg., 2 hn., 2 tr. and timps	Allegro molto (Menuetto)	F	First strain of minuet has first violins with tune and oom-cha melody in rest of strings with a variety of doublings in wind and horns.
M4	Mozart	Jupiter Symphony, Finale	Strings, fl., 2 ob., 2 fg., 2 hn., 2 tr. and timps	Molto Allegro	P then F	First eight bars very quiet string texture then next 11 bars same tune but with big orchestral tutti, including bassline with semiquaver flourishes and initially a simple woodwind countermelody
M5	Dvorak	New world Symphony, Adagio	Strings, CA, 2 Cl., 2 fg.	Largo	P (ppp accomp.)	Gentle string writing and solo Cor Anglais tune with some woodwind doubling.



No.	Composer	Title	Orchestration	Тетро	Dynamic	Notes
M6a	Tchaikovsky	Fifth Symphony, First movement, 1-20	Strings, 2 cl, fg.	Andante	P	Clarinet writing low in register with low strings chordal accompaniment.
M6b	Tchaikovsky	Fifth Symphony, First movement, bar 38 onwards	Strings, 3 fl, 2ob. 2 cl., 2 fg. 4 hn.	Allegro con anima	PP rising to P	<ul> <li>Various presentations of the melody:</li> <li>Cl. + Fg</li> <li>Fl. + Cl.</li> <li>Upper strings plus ww. Chords</li> </ul>
M6c	Tchaikovsky	Fifth symphony, end of first movement	Strings, 3 fl, 2ob. 2 cl., 2 fg. 4 hn., 2 trp., 3 trb., tb, and timps	Allegro con anima	FF dim. eventually down to PP	Same tune with similar chordal accompaniment incrementally decreasing in dynamics and descending in tessitura.
M7	Schumann	Second Symphony, Third movement, bars 8-19	Strings, 2 fl., 2 ob., 2 cl., 2 fg., 2 hn., 2 tr.	Adagio Espressivo	Ρ	Solo oboe and strings with countermelody from bassoon. Bassoon increasingly doubles and at end of phrase texture expands to tutti with most ww. doubling melody and others filling in chords. Note unusual texture in first 7 bars of unison violins and divisi violas
M8a	Rimsky Korsakov	Tsar's Bride Overture, bb. 5-11	Strings, 2 cl., 2 fg., 1 hn.	Allegro	РР	Violin I melody with string and ww chords.



No.	Composer	Title	Orchestration	Тетро	Dynamic	Notes
M8b	Rimsky	Tsar's Bride Overture,	Strings, fl., Cl.,	Allegro	MF	Melody in solo fl. And cl. with horn and pizz.
	Korsakov	bb. 12-19 (up to fig.	2. Fg			string accomp.
		1)				
M8c	Rimsky	Tsar's Bride Overture,	Strings, fl., 2	Allegro	F	Melody in violins with fl., cl. and fg. Doubling
	Korsakov	bb. 20-27(fig. 1)	ob., 2 cl., 2 fg.,			chords in rest.
			4 hn, tba,			
			timps.			
M8d	Rimsky	Tsar's Bride Overture,	Strings, Picc.,	Allegro	FF	Tutti multiple doublings of melody with chords
	Korsakov	4 before fig. 2	2 fl., 2 ob., 2			on rest. Countermelody starts in strings four
			cl., 2 fg., 4 hn.,			after fig. 2
			2 tr., 3 trb.,			
			tuba, timps.			
M8e	Rimsky	Tsar's Bride Overture,	Strings, 2 fl., 2	Allegro	P (cantabile)	Melody in violins in octaves plus changing ww
	Korsakov	fig. 3	ob., 2 cl., 2 fg.,			doublings. Chords in strings.
			2 hn.			
M9a	Delibes	Mazurka from		Tempo di	FF	Very full tutti with percussion.
		Coppelia, bb. 470		Mazurka		



No.	Composer	Title	Orchestration	Тетро	Dynamic	Notes
M9b	Delibes	Mazurka from Coppelia, bb. 486- 493		Tempo di Mazurka	P leggieromento	Full but light with lots of high wind doubling of tune and pizzicato strings.
M10	Prokofiev	Masks from Romeo and Juliet, 5 after fig. 71		Moderato Marciale	MP	Unusual, spiky string texture with melody switching to Clarinet in middle and some percussion
M11a	Tchaikovsky	Swan Lake, Scene 10, opening	Strings, ob., harp	Moderato	P espress.	Solo oboe with tremolo strings and harp.
M11b	Tchaikovsky	Swan Lake, Scene 10, figure 1	Strings, 2 fl., 2 ob., 2 cl., 2 fg., 4 hn., 3 trb., tuba	Moderato	FF	Horn tune with tremolo strings and woodwind chords.



No.	Composer	Title	Orchestration	Тетро	Dynamic	Notes
M12	Glazunov	The Seasons, Autumn, Bacchanale, opening	Strings, picc., 2 fl., 2 ob., 2 cl., 2 fg., 4 hn., 2 tr., 3 trb., tuba	Presto	F	Slower moving tune in violins, picc and clarinet with hectic accompaniment.
M13	Dukas	Sorceror's Apprentice	Strings, Picc., 2 fl., 2 ob., 2 cl., 4 hns., Glock.	Vif	P (light and detached)	Bright tune with glock over pizz string chords plus horns. Note viola ostinato.
M14	Elgar	Falstaff, Fig. 4	Strings, 2 ob., C.A., 2 Cl., bass cl., 2 fg., Contra fg., 3 tr 3 trb., tuba, timps	Con anima	FF	Cello tune doubled in bassoon, viola and horns, bass line in double bass, tuba, contrabassoon
M15	Schubert	Symphony in B minor (Unfinished)	Cellos, violas, double bass and clarinets	Allegro	PP	Cello tune with double bass, viola and clarinet accompaniment



M16	Tchaikov sky	Symphony No. 5, Waltz	Strings and Basoon	Tempo di valse	Ρ	Bassoon tune with pizzicato string accompaniment
M17	Mussorgs ky (orch. Ravel)	Pictures at an Exhibition, 4. Cattle	Strings, 2 fg., contrabassoon , Tuba	Moderat o, Pesante	PP	Tuba solo with growling bassoon accompaniment and divided lower strings.

#### **Further Orchestral Examples**

No.	Composer	Piece	Notes
F14	Mahler	Fifth symphony	Exciting fanfare style opening
F15	Dukas	Sorcerer's Apprentice, opening	Mysterious string harmonics and octatonic harmonies
F16	Glinka	Kamarinksaya	Particularly from K to end, use of a repeating ostinato with different accompanying backgrounds.
F17a	Mussorgsky arr. Ravel	Pictures at an Exhibition, The Gnome	Interesting use of contrasting textures, including heavy unison at the beginning followed by celeste and harp at Fig. 9 (plus glissando violas)
F17b	Mussorgsky arr. Ravel	Pictures at an Exhibition, Ballet of Chicks in their Shells	Delicate dancing texture on woodwind plus harp and pizzicato strings.



No.	Composer	Piece	Notes
F17c	Mussorgsky arr. Ravel	Pictures at an Exhibition, Samuel Goldenberg	Begins with heavy octave unison in strings and woodwind.
F18	Sibelius	Symphony No. 2, second movement	Opening moves pizzicato idea between basses and cellos, with some timpani and then other accompaniment.
F19	Ravel	L'Enfant et les sortileges, Figure 100	This is garden music but the tremolo string texture with wind and swanee whistle interjections is both sleepy and magical.
F20	Ravel	L'Enfant et les sortileges, Figure 117	Gentle string pattern plus slow melodies first in horn then in flute would make a good sleeping texture. Note how a waltz idea emerges 5 before figure 123.
F21	Saint-Saens	Carnival of the Animals, Fossils	Use of tuned percussion both as melody instrument with sparse accompaniment
F21	Saint-Saens	Carnival of the Animals, Aquarium	High strings and rippling piano create aquarium atmosphere.
F22	Tchaikovsky	Dance of the Mirlitons from Nutcracker	Dancing flutes over pizzicato string accompaniment.
F23	Tchaikovsky	Dance of the Sugarplum Fairy from Nutcracker	Celesta over pizzicato string and other interesting accompaniments



No.	Composer	Piece	Notes
F24	Mendelssohn	Symphony 4 Italian 1 <sup>st</sup>	Opening – violin tune and ww pulsing chords
		movement	Page 6 -really nice quiet texture with woodwind tune in thirds and string alternations accompanying.
F25	Mozart	Haffner Symphony	Page 5 – tutti chords with moving bass
			The flutes and oboes often play the same or the flutes mirror the oboes by playing the lower line up an octave and the upper one at the same pitch, with clarinets an octave below
			Second movement. Opens with quiet texture with semiquaver arpeggiations in second violin. Note very characteristic added minor ninths on page. 14
			From last system of p. 16 notice how Mozart varies the string texture – never just sustained chords
F26	Coates	Miniature Suite	Lots of excellent (slightly cheesy) writing for small orchestra in a light style.
F27	Prokofiev	Peter and the Wolf	Listen to this on Youtube whilst following the score. Lots of characterful and idiomatic writing for soloists within the orchestra as well as a variety of textures for small orchestra
F28a	Grieg	Morning from Peer Gynt	This famous piece starts with light and simple texture and then increases the tension in the middle.



No.	Composer	Piece	Notes
F28b	Grieg	Death of Aase from Peer Gynt	Mournful muted strings play this simple movement that, like Morning, intensifies towards the middle to make an arch form.
F28c	Grieg	Hall of the Mountain King from Peer Gynt	This Classic FM favourite is a masterclass in taking a simple idea and repeating it whilst slowing increasing the orchestration. A good source for help with re- orchestrating ideas at different intensities.
F29	Prokofiev	Battle on the Ice from Alexander Nevsky	This terrifying score really gets going on page 6 as the dissonances stack up and the orchestration builds. The inspiration for many a dramatic film score since, particularly when the choir enters on page 14.
F30	Nielsen	Helios Overture	A beautifully orchestrated sunrise and sunset – lots of ideas to steal for quiet openings and hectic middle sections.
F31	Glazunov	The Seasons: Winter – Ice (p. 20)	
F32	Brahms	Fourth Symphony first movement	Melody in violins with arpeggiation in lower strings and punctuating chords in wind.
F33	Ravel	Rapsodie espagnole II Figure 3	Chromatic snaking and minor ninth chords
F34	Ravel	Rapsodie espagnole II 5 before Figure 10	Whole tone descent over pedal



No.	Composer	Piece	Notes
F35	Ravel	Rapsodie espagnole I 5 before Figure 5	Sumptuously orchestrated minor seventh with added ninth
F36	Ravel	Rapsodie espagnole IV Opening	Light and sparkly opening
F37	Sibelius	Fourth symphony opening	Dark and sombre
F38	Verdi	Aida, Grand March, figure D to F	Trumpet melody with horn and string pizzicato accompanying chords (some extra elements added towards end of extract)
F39a	Williams	Star Wars Suite, Main Title, opening melody	Melody on three unison with chords and tremolando spread across strings, woodwind and brass. Very grand.
F40	Beethoven	Symphony No. 5, Third movement (ca. 3'15'')	Unison pizzicato cellos and bassoon then joined by rest of strings in chords.
F41	Bartok	Music for Strings, Percusssion and Celesta, Second movement	Opens with alternating pizzicato and arco octave unisons
42a	Verdi	Requiem, Dies Irae	Famous and thunderous opening which does not need the voice parts to work well.



No.	Composer	Piece	Notes
42b	Verdi	Requiem, Mors stupebit	Unison strings with interesting subtle details, including use of timp, pizzicato and selective use of upper strings
43	Ravel	Daphnis and Chloe Part III opening	Bubbling woodwind texture with melody beneath
44	Rimsky- Korsakoff	March of the Nobles (or Cortege) from Mlada Suite	This is the final few minutes of this piece. Make sure it is the orchestral not the concert band version if you are looking on Youtube.
45	Tchaikovsky	Sleeping Beauty Suite	Lively March-like melody with hectic semiquavers as part of accompaniment ( <u>https://www.youtube.com/watch?v=DRqxWcmHLug</u> )
46	Elgar	Pomp and Circumstance March No. 1	Some stirring march music in the middle with an energetic introduction.
F47	Elgar	Pomp and Circumstance March No. 4	As above!
F48a	Dvorak	Symphony No. 9, Third movement, Molto Vivace	From page 9 (101) there are some really effective orchestrations of a gentle 'poco sostenuto' tune in E major
F48b	Dvorak	Symphony No. 9, Fourth movement	The opening has a melody on horn and trombone with very robust tutti chords accompanying. Towards the end of this movement (particularly the last 20 pages) there are some very effective orchestrations of tutti chords that involve some type of arpeggiating or other motion to give it rhythmic interest.



#### String Techniques – Orchestra Examples

ST1	Schubert	Unfinished Symphony, 1 <sup>st</sup> Movement	Pizzicato bass line
ST2	Beethoven	Violin Concerto, 2 <sup>nd</sup> Movement, Bar 20	Arco accompaniment with pizzicato punctuation
ST3	Beethoven	Violin Concerto, 2 <sup>nd</sup> Movement	Pizzicato figuration passing across strings
ST4	Tchaikovsky	Symphony No. 4, 3 <sup>rd</sup> Movement	More complicated pizzicato textures
ST5	Beethoven	Symphony No. 3, 1 <sup>st</sup> Movement	Double/triple/quadruple stopped chords
ST6	Debussy,	Prelude a l'apres-midi d'un faune	Shimmering tremolo accompaniment
ST7	Beethoven	Violin Concerto in D, first movement	Loud measured tremolo strings playing an arpeggiated accompaniment
ST8	Beethoven	Symphony No. 9, first movement	Quiet tension of sextuplet measured tremolo on strings plus sustained horns.
ST9	Debussy	Prelude a l'apres midi d'un faune, bb. 85-6	Quiet and atmospheric with strings over the fingerboard



ST10	Stravinsky Rite of Spring	Dances of the Young Girls	Aggressive down-bow chords with accents added to by horns
ST11	Holst	Mars from The Planets	Menacing ostinato on col legno strings, timpani with wooden sticks and harps
ST12	Dvorak,	Symphony No. 9, second movement	Muted strings play gentle accompaniment to Cor Anglais solo
ST13	Mahler,	Symphony No. 1, first movement.	Mysterious opening with string harmonics and woodwind.



#### Percussion writing – Orchestral Examples

P1	Debussy,	La Mer, Movement III, opening	Quiet rumblings with low strings and percussion.
P2	Dukas,	Sorcerer's Apprentice, figure 18	Bright texture featuring strings, woodwind and glockenspiel
P3	Debussy,	La Mer, Movement I, two before Fig 15	Impressionistic big climax with susp. cymbal, timpani, Tam-Tam and two harps.
P4	Mahler	Symphony 5, first movement opening	Fanfare then heavy brass and strings with added crash cymbals, bass drum, snare, Timpani and Tam-Tam
P5	Dvorak	Water Goblin, three after 1	Gentle string and woodwind texture with cymbals and triangle. Then crescendo and loud version of same texture (plus Timpani)
P6	Ravel	Mother Goose, Beauty and the Beast	Dark and menacing contrabassoon and strings plus susp. cymbal, bass drum and harp



#### Narrative Music - Dramatic Episodes

D1	Beethoven	Symphony VI, Storm, opening	Diminished sevenths and tremolo to create stormy tension.
D2	Wagner	Flying Dutchman Overture	Diatonic idea in horns (impetuous/heroic) against stormy chromatic lines and harmony.
D3	Rimsky Korsakov	Sadko, Scene 2 opening	Magical scene by the lake where a swan turns into a sea princess. Based on an <b>octatonic</b> * scale [see notes in Beyond Common Practice . Moves into the more ordinary diatonic world in the last four bars of the extract, with a perfect cadence in C major.
D4	Ravel	Rhapsodie Espagnol	Here the <b>octatonic</b> * scale is used to create a sense of the exotic. Ravel superimposes some chords on top of one another to create a striking and quite dissonant sound world.
D5	Tchaikovsky	Sleeping Beauty Scene 5 b. 202	The King gradually relents and spares the women he had initially sentenced to death. Emotional use of chromatic progression called an <b>omnibus progress</b> *.
D6a	Ravel	Mother Goose – Beauty and Beast	Use of exotic <b>whole-tone</b> * scales (first C# then C) with contrabassoon solo representing beast.
D6b	Ravel	Mother Goose – Beauty and Beast, Figure 3	Still some <b>whole-tone</b> * harmony, but made more diatonic by being based on progressions that are more like perfect cadences (F#-B and G#-C#). The Beast is still portrayed using the contrabassoon in dialogue with Beauty, first on flute and then on Oboe



D9a	Prokofiev	Romeo and Juliet, Act 2/5 32 opening	Meeting of Tybalt and Mercutio, who argue before fighting. Starts with aggressive ostinato based on D minor triad with a persistent B natural auxiliary note. The Bb that enters in the brass is dissonant with the B naturals. Series of other dissonant interjections in woodwind and brass.
			Three after Figure 248 an idea that previously represented the Montagues and Capulets is played like an ostinato in the Cor Anglais and lower strings as various aggressive interjections continue.
D9b	Prokofiev	Romeo and Juliet, Act 2/5 33	<ul> <li>This portrays a fight, starting with very fast and furious octave unison, with instruments dropping in an out making it more unpredictable and hectic.</li> <li>Added chromatic notes in opening passage</li> <li>Violent syncopated rhythms two before Figure 256</li> <li>At three after Figure 256 there is chromatic contrary motin over an Ab pedal, creating dissonance and tension.</li> </ul>



D10	Liadov	Baba Yaga opening	<ul> <li>Stereotypical 'magic world' introduction. Begins with whole-tone flourishes ending on a whole-tone inflected dominant A which resolves to D at Figure 1.</li> <li>Figure 1 sees the witch who lives in a hut on hen's legs represented by the bassoon over a pedal. Notice use of dissonance</li> <li>Chromatic lines in thirds over pedal at Figure 2 increases level of menace</li> </ul>
D11	Beethoven	Egmont opening	Notice the tragic/heroic use of heavily scored F minor chord progressions at the beginning contrasted with the more reflective woodwind passages.
D12	Dvorak	Water Goblin Fig. 18 (ca, 11 mins)	<ul> <li>Although this argument between a girl and a water goblin is basically tonal, the music modulates widely and the harmonic rhythm is slow, so the tonality is never clearly established.</li> <li>The overall progression from a B dominant seventh chord through a C major chord to an Eb minor chord sounds quite ambiguous and mysterious.</li> <li>Dialogue between sections portrays argument</li> <li>'Chattering' figures in woodwind and horns</li> </ul>



D13a	Glazunov	The Forest, opening	<ul> <li>Mysterious – solo woodwinds over tremolo strings</li> <li>Diminished sevenths with added dissonances created by chromatic passing notes as in bar 3 makes the harmony sound more magical.</li> </ul>
D13b	Glazunov	The Forest, Figure A (starts at 1:32)	<ul> <li>Threatening rumblings, again with diminished sevenths</li> <li>Octatonic* flavour particularly fifth bar of Figure A</li> </ul>
D13c	Glazunov	The Forest, Molto moderato	Sparkling but spiky! C# diminished sevenths create dissonance over an A pedal.
D14	Bernstein	On the Waterfront	See separate notes – score in Anthology
D15	Goldsmith	Planet of the Apes	See separate notes – score in Anthology
D16	Williams	E.T.	See separate notes – score in Anthology



#### Fast and Furious – Orchestral Examples

FF1	Beethoven Egmont	Good fast cadential ending Bar 287 (p.24) onwards
		https://www.youtube.com/watch?v=YsI0yTC7bic (7'04)
FF2	Borodin 2 – Fourth Movement iv	Interesting and fast with lots of variety
		https://www.youtube.com/watch?v=iNQRiwQsNys
FF3	Dukas Sorceror	
FF4	Elgar – Wild Bears from Wand of Youth	Wild Bears (p. 80 <u>https://www.youtube.com/watch?v=BSwPp2iuYqI</u> ) is
		particularly suitable but there other movements in this suite too.
FF5	Mendelssohn Italian Symphony, Fourth Movement	Fast and furious Saltarello
		https://www.youtube.com/watch?v=2mliABCDFB8
FF6	Mendelssohn Midsummer Nights Dream Scherzo No. 1.	Fast and sparkling Scherzo
		https://www.youtube.com/watch?v=hHTV3GFyHfM
FF7	Prokofiev Romeo and Juliet Act 1 6	Hectic (listen to second bit of MP3)
FF8	Rimsky Korsakov – Flight of the Bumblebee	Classic fast music – hard to write really well.
FF9	Smetana Bartered Bride	Good continuous fast music right from the start.
FF10	Stravinsky Scherzo Fantastique	Sparkling octatonic fun and games!



		https://www.youtube.com/watch?v=8jkfrILR0ng
FF11	Tchaikovsky 4 – iv	Variety of sparking and more violent fast textures <u>https://www.youtube.com/watch?v=PLHj-eekdNU</u>
FF12	Rossini/Respighi Tarantella from La Boutique Fantastique	https://www.youtube.com/watch?v=MS5_m0J7GsE
FF13	Big Country	No score to this but good stuff at the beginning with quick ostinato and brass chords <a href="https://www.youtube.com/watch?v=AQTH3a0mjR8">https://www.youtube.com/watch?v=AQTH3a0mjR8</a>
FF14	Dvořák: Symphony №9, "From The New World" - IV - Allegro Con Fuoco.	http://www.youtube.com/watch?v=RCct_tSQ8WY http://conquest.imslp.info/files/imglnks/usimg/d/d2/IMSLP54083- PMLP08710- Dvorak op.095 Sinfonie Nr.9 4.Allegro con fuoco fs SNKLHU 3 9. pdf
FF15	Einaudi : Run – 3:15	http://www.youtube.com/watch?v=jfz-XDWPt-M



#### Ostinato Examples

Ost01	Glinka	Kamarinskaya	Ostinato starts just before figure B in the violin I part
Ost02	Goldsmith	Planet of the Apes	In Anthology – ostinato mostly in piano part.
Ost03	Hermann	Vertigo, Prelude	Unsettling repetition of arpeggio figures (one PDF is a piano reduction and the other is a hand-written score) used in this famous film.
Ost04	Hindemith	Concerto for Orchestra (op.38),IV Basso Ostinato	As the title suggests, this is a ground bass, with the ostinato at the bottom of the texture
Ost05	Holst	Beni Mora Suite, III – In the Street of the Ould Nails	I can't find a score for this but it is on Youtube: <u>https://www.youtube.com/watch?v=qszgL7ikYiA</u> The ostinato is at around 0'59
Ost06	Holst	Planets – Mars	Rhythmic Ostinato/Pedal
Ost07	Holst	St Pauls Suite, II - Ostinato	A much more gentle piece than most of these in which the ostinato tumbles along in the second violin.
Ost08	Orff	Carmina Burana,	Ostinato starts in bar 5 (PDF is choir plus organ reduction rather than orchestra)



		O Fortuna	
Ost09	Ravel	Bolero	Another famous rhythm/pedal ostinato from the master of orchestration.
Ost10	Stravinsky	Rite of Spring, Augurs of Spring	Ostinato first heard at fig. 14 in C. Ing (Cor Anglais) comes in and out rather than continuous