Music Creating in the Classroom

(Secondary)(New)

CDI020220758

Organised by

the Arts Education Section of the Curriculum Development Institute,

the Education Bureau

Speaker: Alfred WONG

(黃學揚)

Music Creating in the Classroom (Secondary)

Musical Ideas

- can be a melodic phrase, a bassline, a rhythmic pattern or a chord progression

Horizontal Developing Techniques

1. Compositional Devices
2. Motivic Transformations
3. Melodic Writing
4. Structural Planning

Vertical Developing Techniques

1. Harmonic Function
2. Piano Accompaniment Writing
3. Writing for 2 or More Instruments
4. Creative Ideas from Contemporary Music

Developing Musical Ideas 2

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Vertical Developing Techniques

- Harmonic Function

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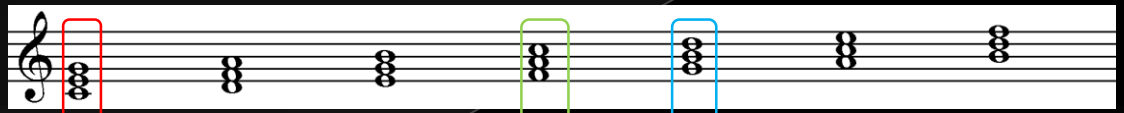
Harmonic Function

3 Functional Categories

- Tonic (T)
- Predominant (PD)
- Dominant (D)

❑ Diatonic Chords



C major:	I	ii	iii	IV	V	vi	vii°
	T	(PD)	(T)	PD	D	(T)	(D)

- Basic Harmonic Progression

I (or vi) - IV (or ii) - V (or vii°) - I (or vi)

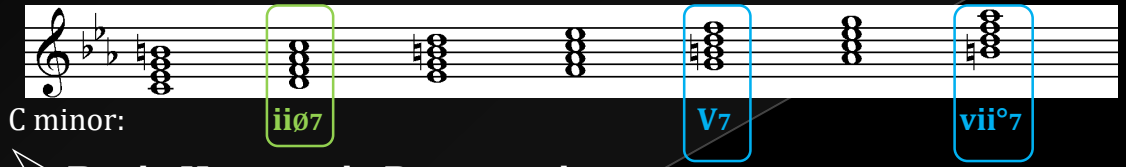
Tonic function — Predominant function — Dominant function — Tonic function

Harmonic Function

3 Functional Categories

❑ Seventh Chords

- ➢ Common seventh chords: **iiø7**, **V7**, **vii°7**



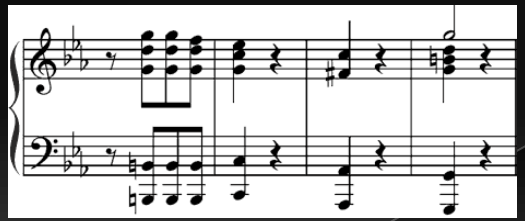
- ➢ **Basic Harmonic Progression**

I (or vi) - **IV** (or **iiø7**) - **V7** (or **vii°7**) - **I** (or **vi**)

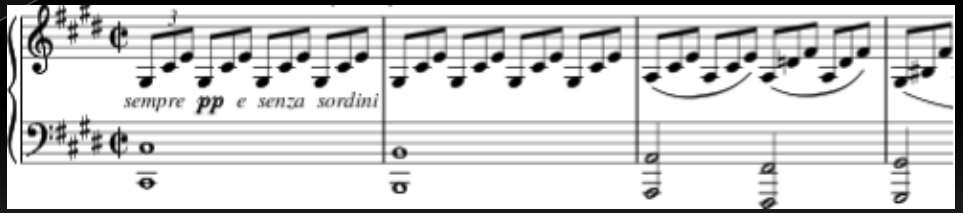
Harmonic Function

3 Functional Categories

- **Chromatic Chords**
  - **Borrowed Chords**
  - **Secondary dominants** (e.g. **V/V**)
  - **Augmented sixth chords** (**A6**) & **Neapolitan sixth** (**N6**)



C minor: V6 - i - **A6**(It6) - V



C# minor: i - - VI - **N6** - V7

- **Basic Harmonic Progression**

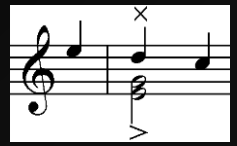
I (or vi) - **IV or A6** (or ii or **V/V** or **N6**) - **V7** (or **vii°7**) - **I** (or **vi**)

Harmonic Function

Non-harmony Notes

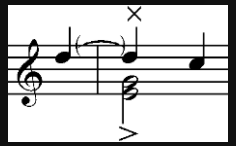
- Notes do not belong to the particular chord, as a “melodic decoration”

x = non-harmony note



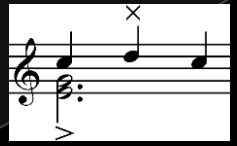
Passing note

(strong / weak beat)



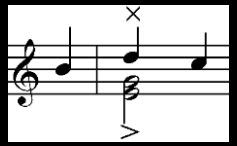
Suspension

(strong beat)



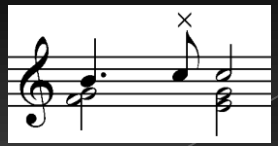
Auxiliary note

(weak beat)



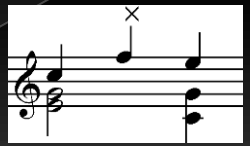
Appoggiatura

(strong beat)



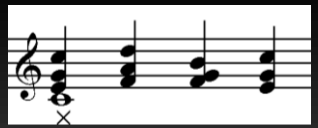
Anticipation

(weak beat)



Changing Note

(mostly on weak beat)



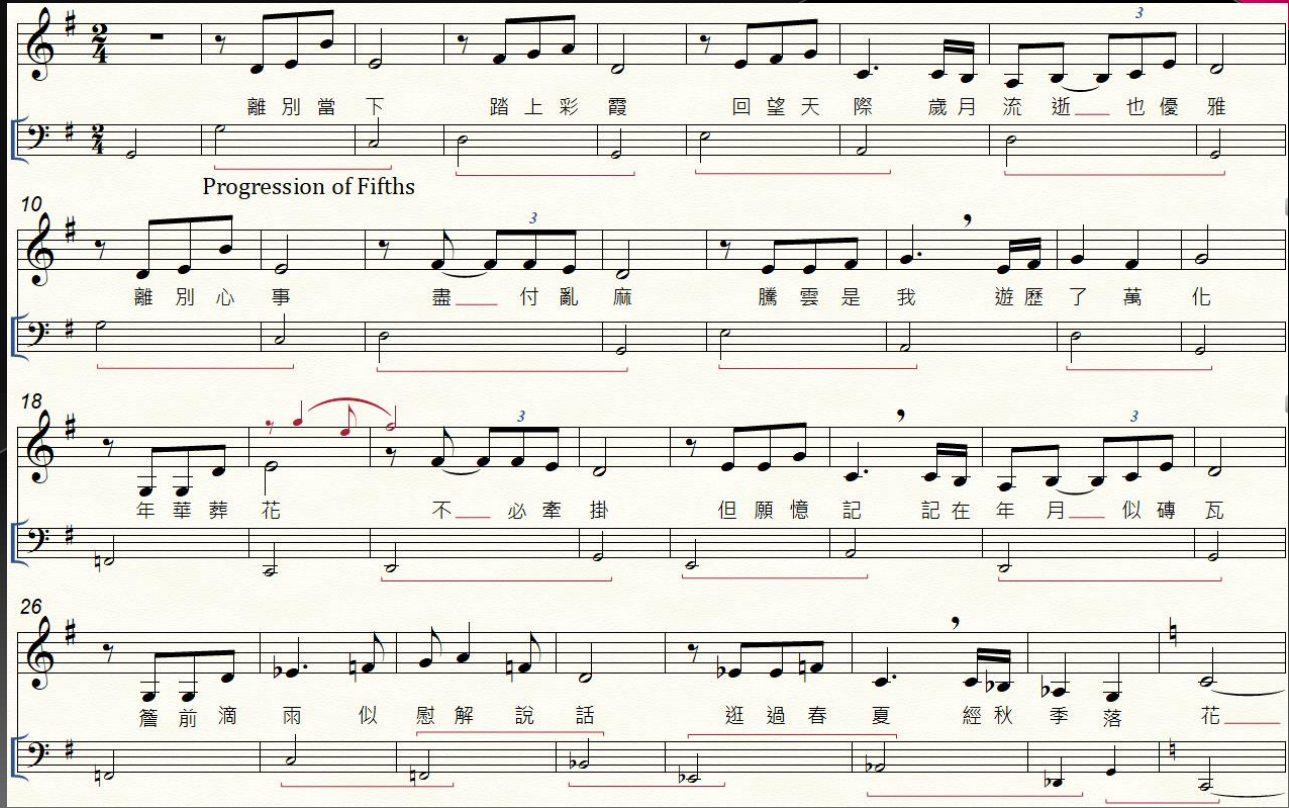
Pedal Point

(on tonic / dominant note)

Harmonic Function

Common Harmonic Progressions

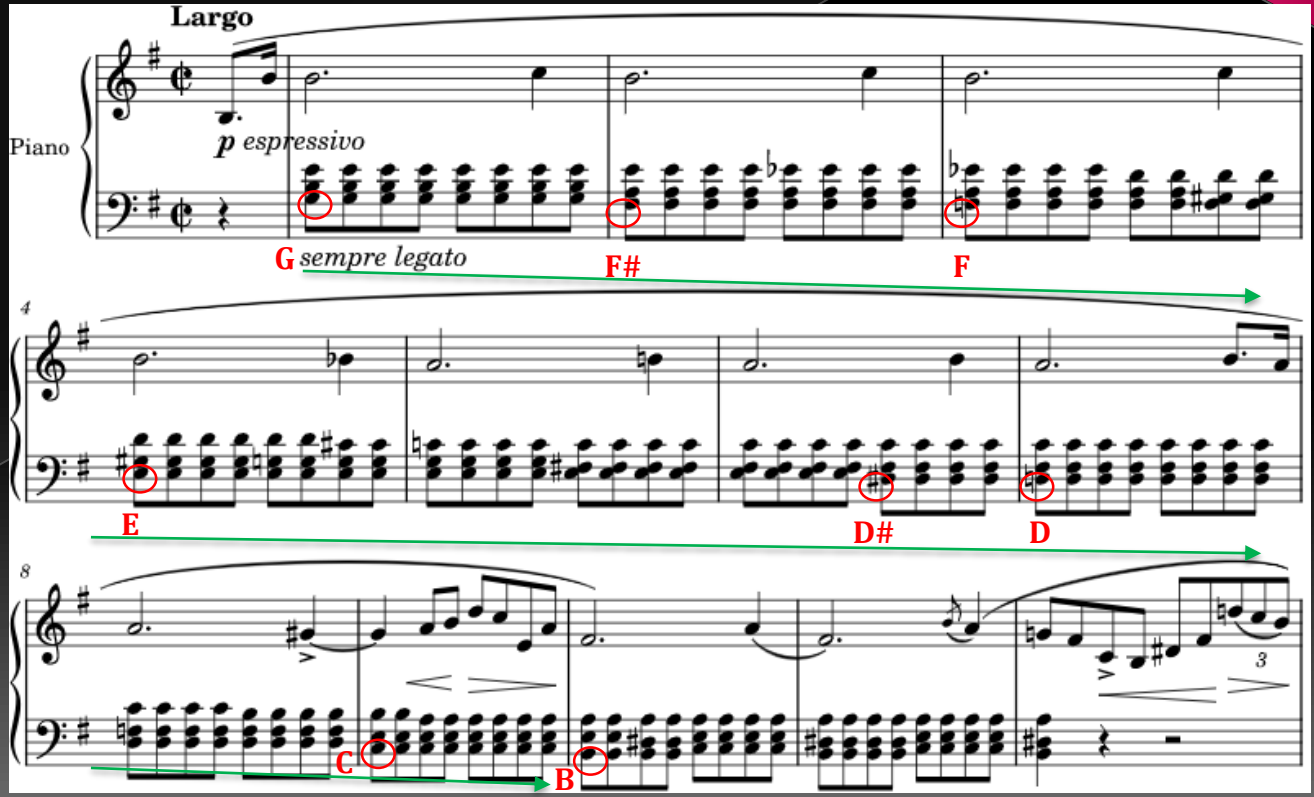
- **Circle of Fifth Progression**
  - Alfred Wong's《離別當下》(from音樂劇「太平山之疫」)



Harmonic Function

Common Harmonic Progressions

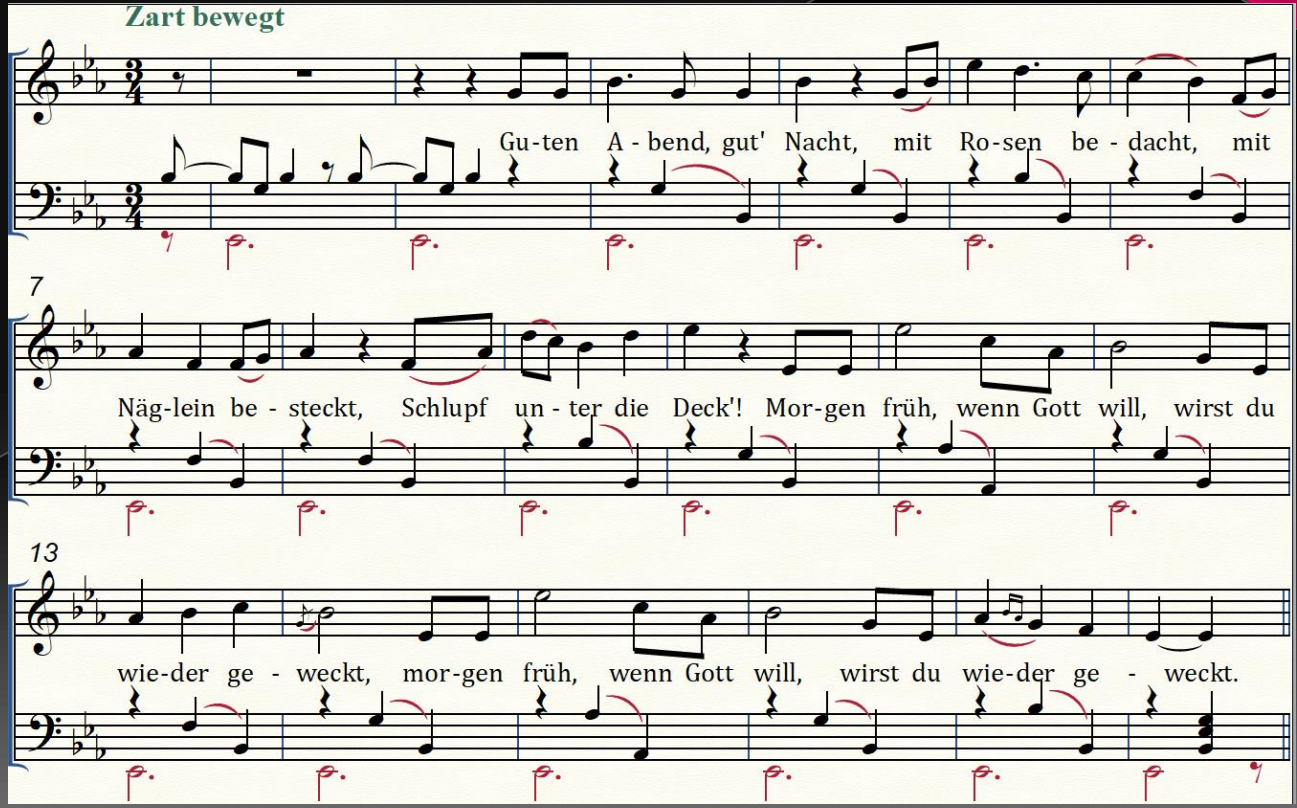
- **Descending Bass Progression**
  - Chopin's *Prelude Op. 28-4*



Harmonic Function

Pedal Point

- Brahm's *Wiegenlied, Op. 49-4*



Vertical Developing Techniques

- Piano Accompaniment Writing

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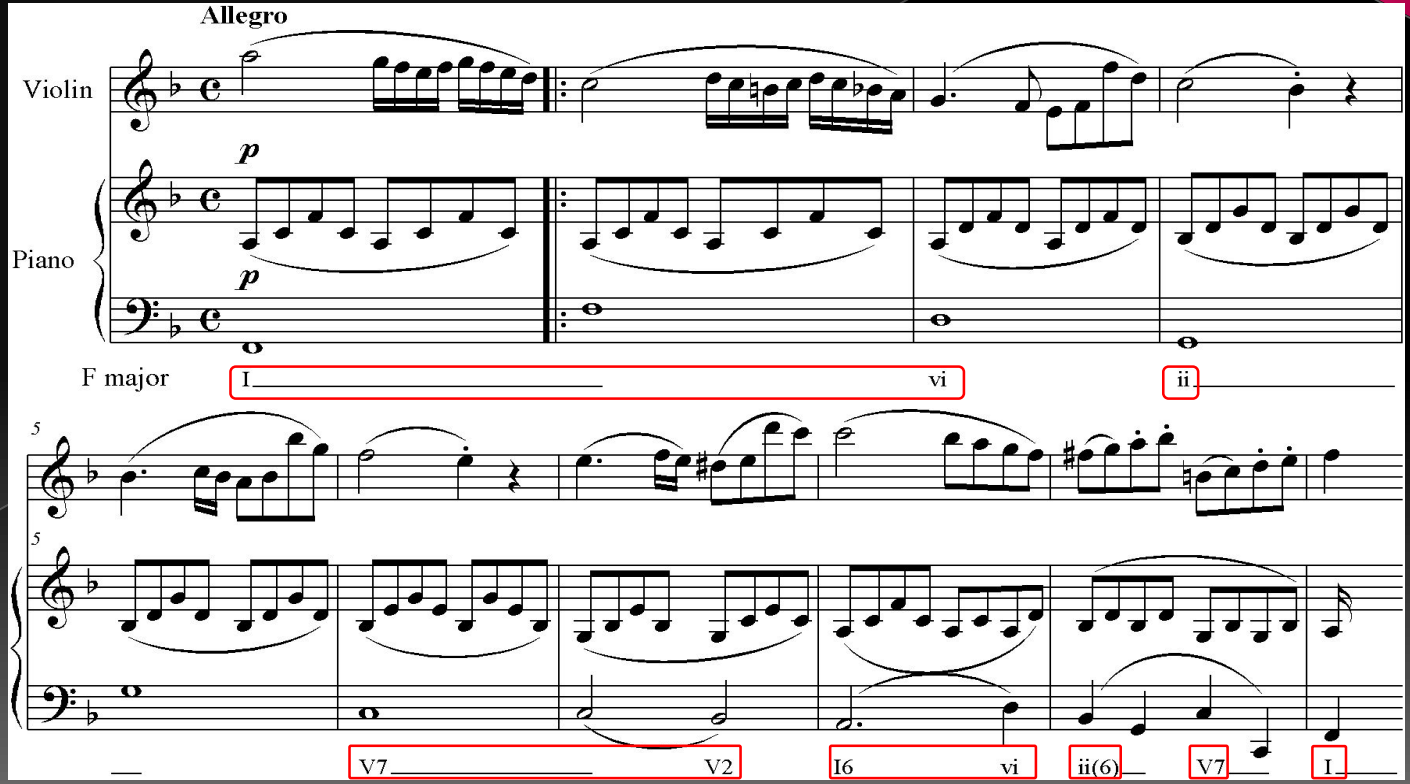
Piano Accompaniment Writing

Accompaniment Writing Techniques

- **Homophonic accompaniment**
  - Beethoven's Violin Sonata, "Spring", I

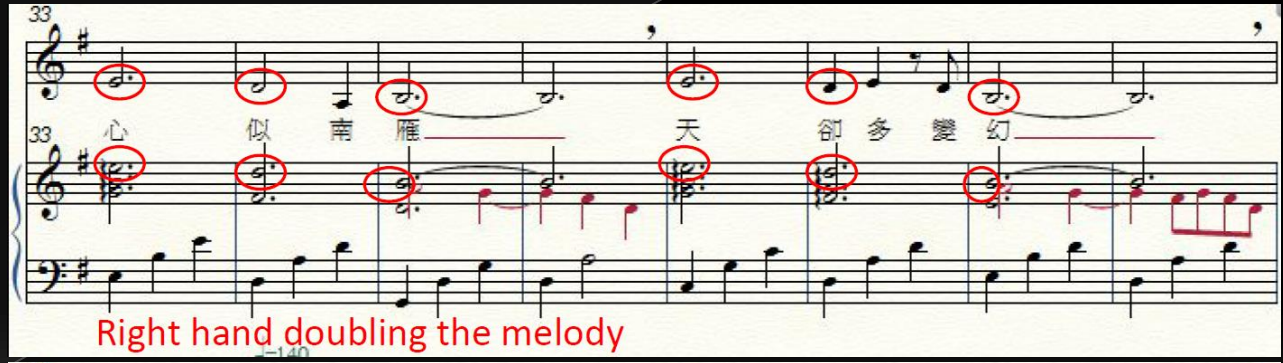


Piano Accompaniment Writing

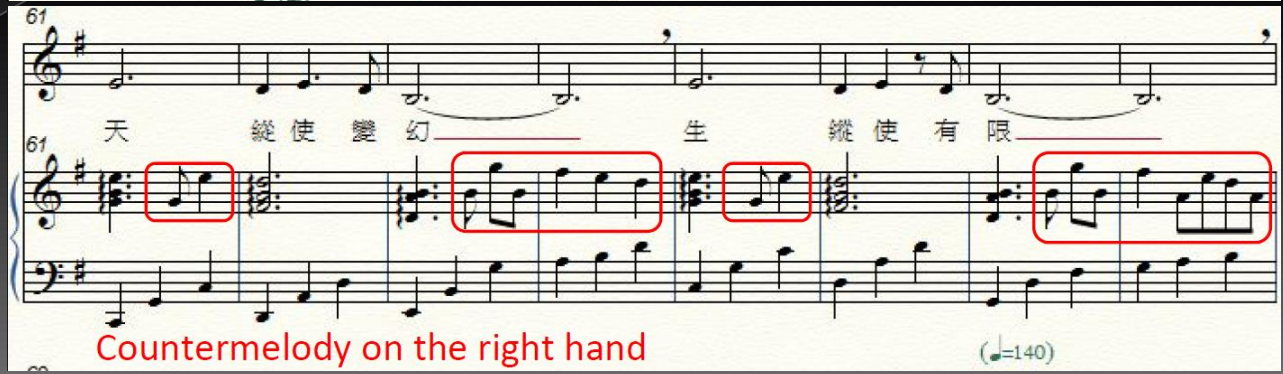
Accompaniment Writing Techniques

- **Homophonic accompaniment**
  - Alfred Wong's《天開眼》(from音樂劇「太平山之疫」)

2nd Appearance of the melody



3rd Appearance of the melody



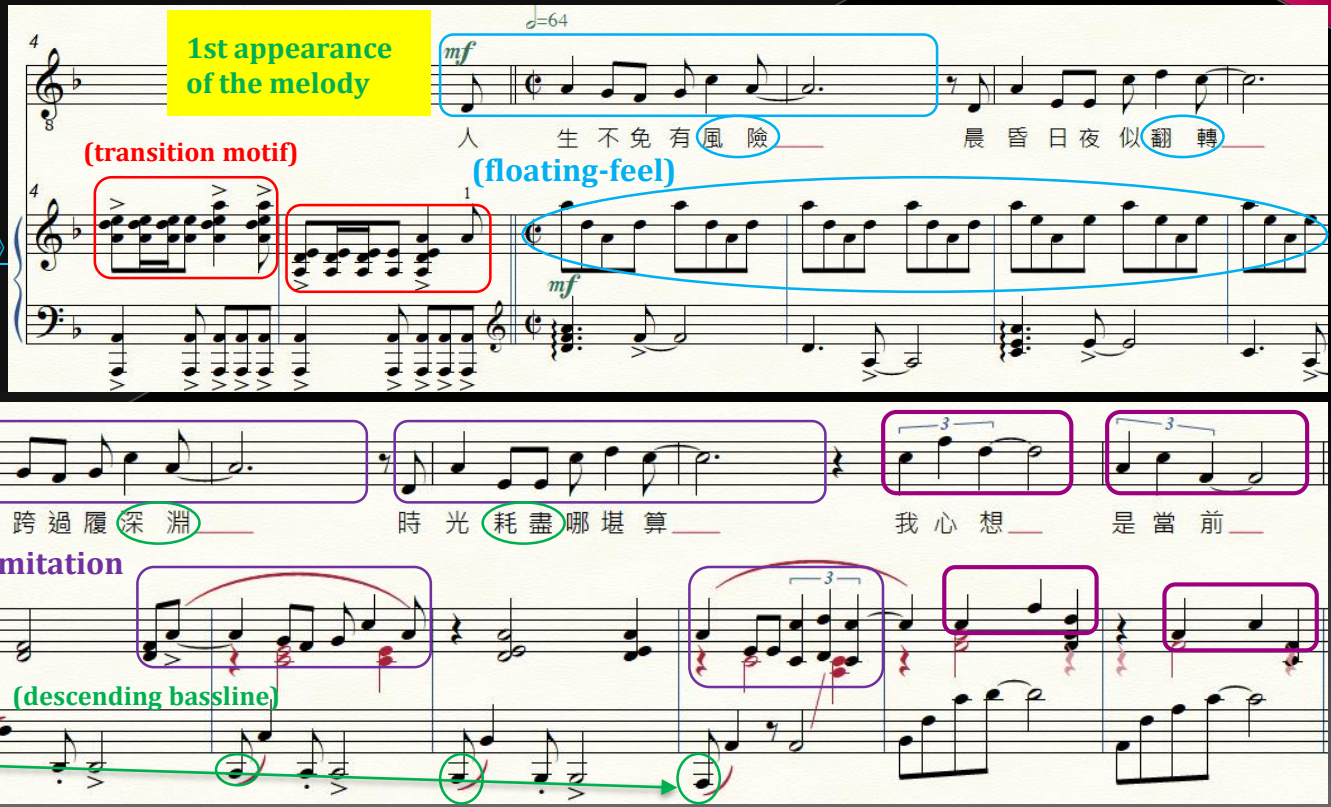
Piano Accompaniment Writing

Accompaniment Writing Techniques

- ❑ Homophonic accompaniment
- ❑ Imitative writing

➢ Alfred Wong's《生天一線》(from音樂劇「太平山之疫」)

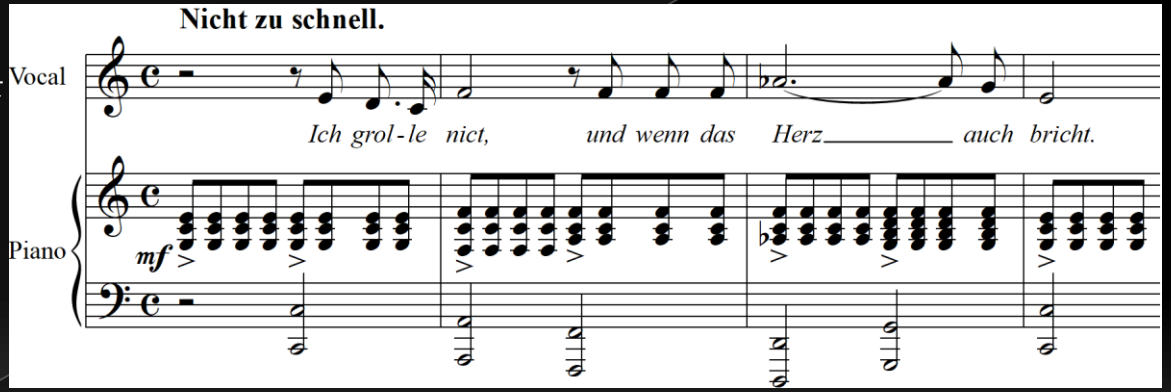
[Verse]



Piano Accompaniment Writing

Accompaniment Writing Techniques

- **Choral accompaniment**
  - Schumann's *Ich grolle nicht* from "*Dichterliebe*"



Vertical Developing Techniques

- Writing for 2 or More Instruments

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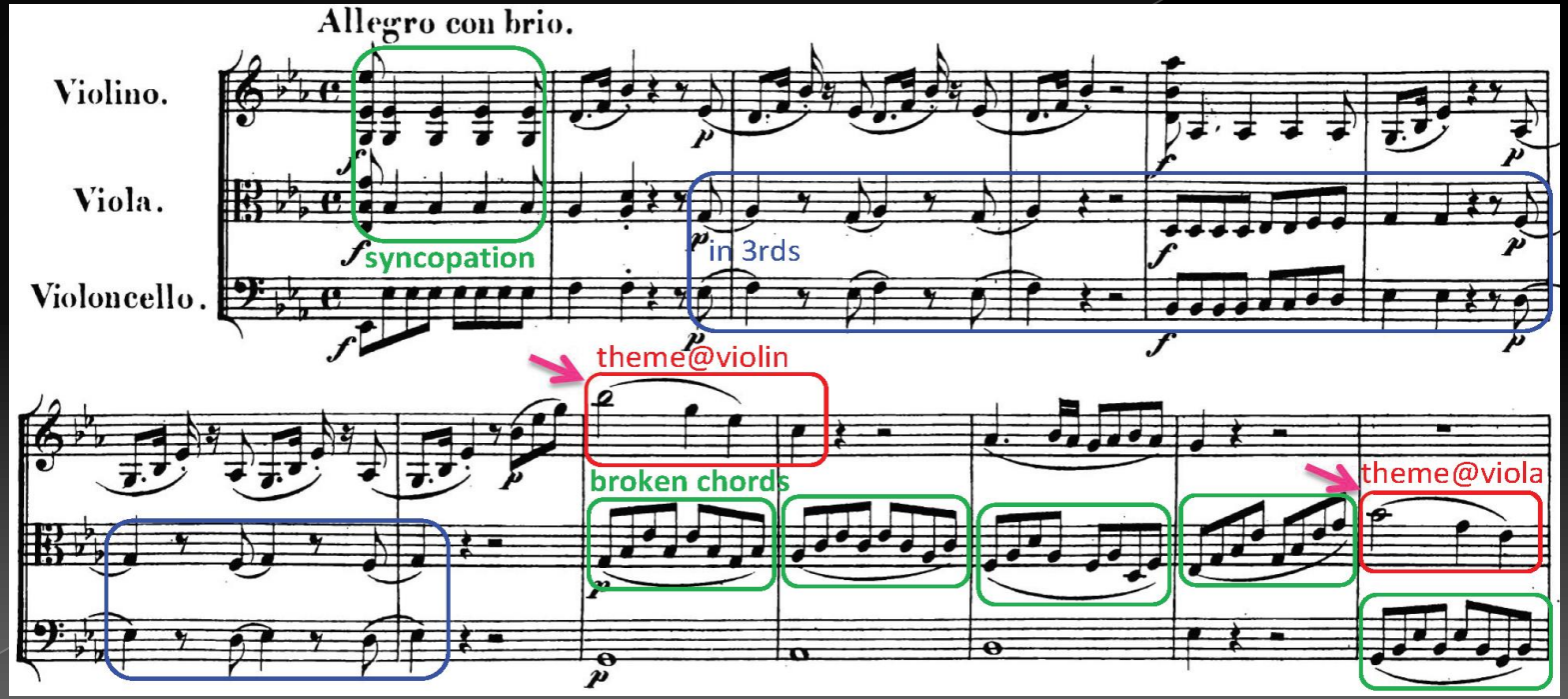
Writing for 2 or More Instruments

Writing for Trio

- Beethoven's *String Trio No.1, I*

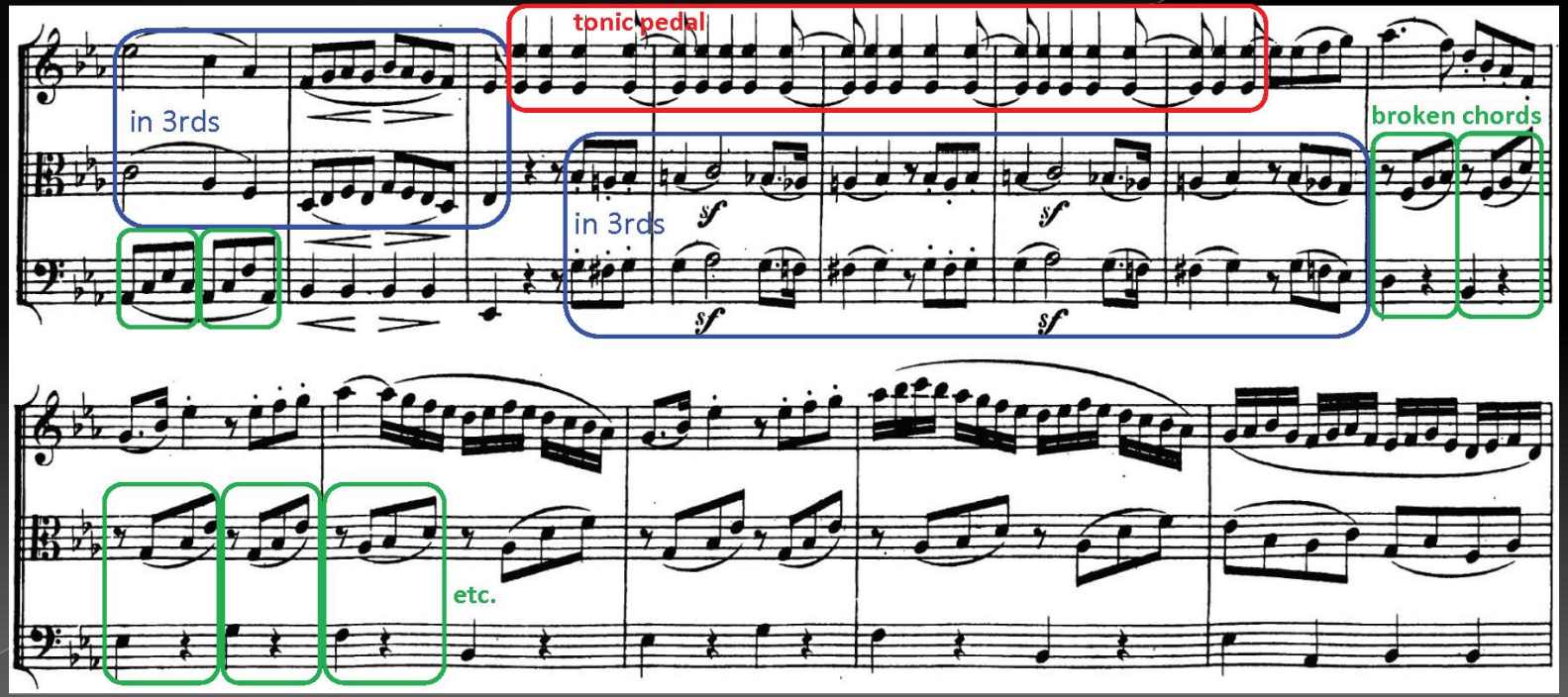


[A public domain score at https://imslp.org/wiki/String_Trio_in_E-flat_major,_Op.3_(Beethoven,_Ludwig_van)]

Writing for 2 or More Instruments

Writing for Trio

- Beethoven's *String Trio No.1, I*

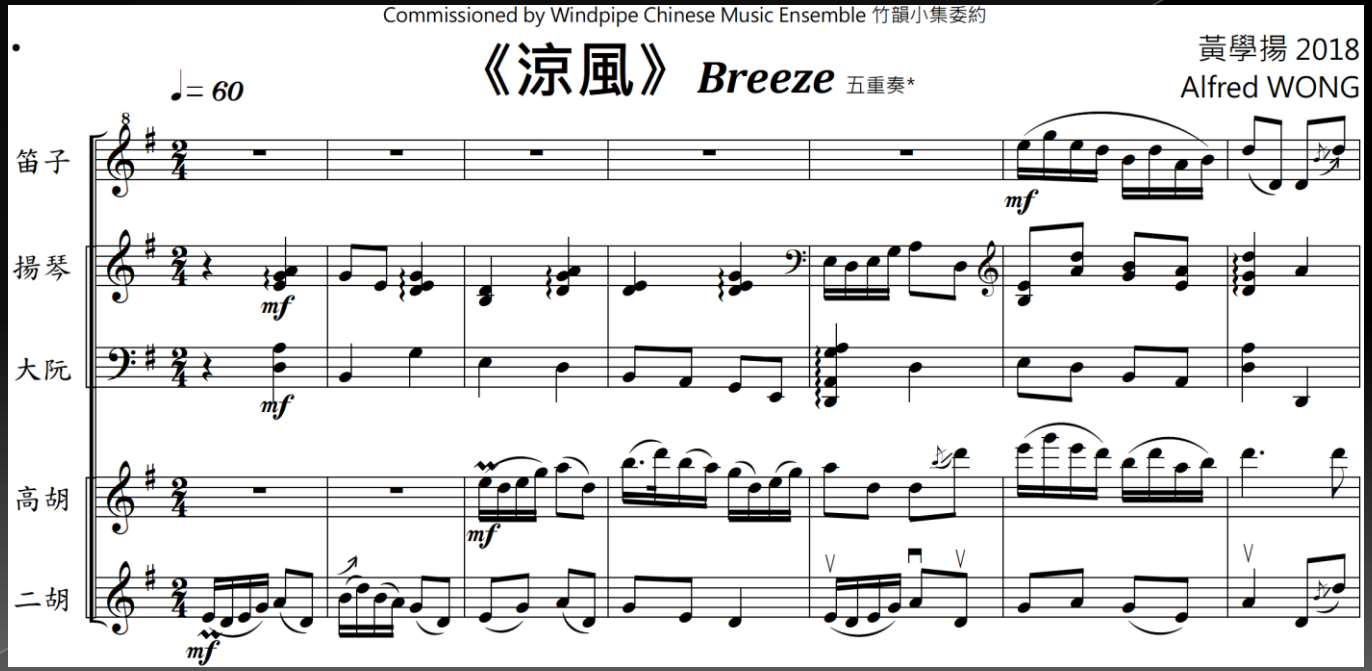


[A public domain score at https://imslp.org/wiki/String_Trio_in_E-flat_major,_Op.3_(Beethoven,_Ludwig_van)]

Writing for 2 or More Instruments

Writing for Quintet

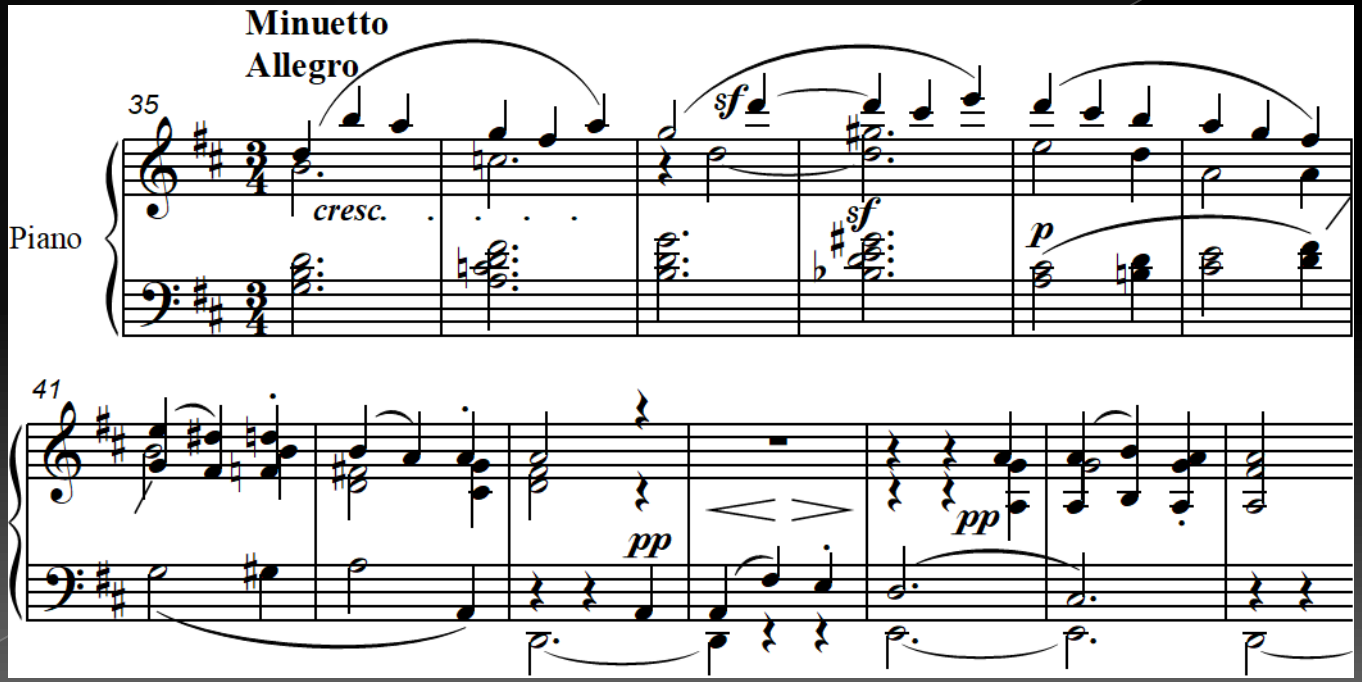
- Writing sample for Chinese ensemble (https://www.youtube.com/watch?v=qyp4pwndWL4)



Writing for 2 or More Instruments

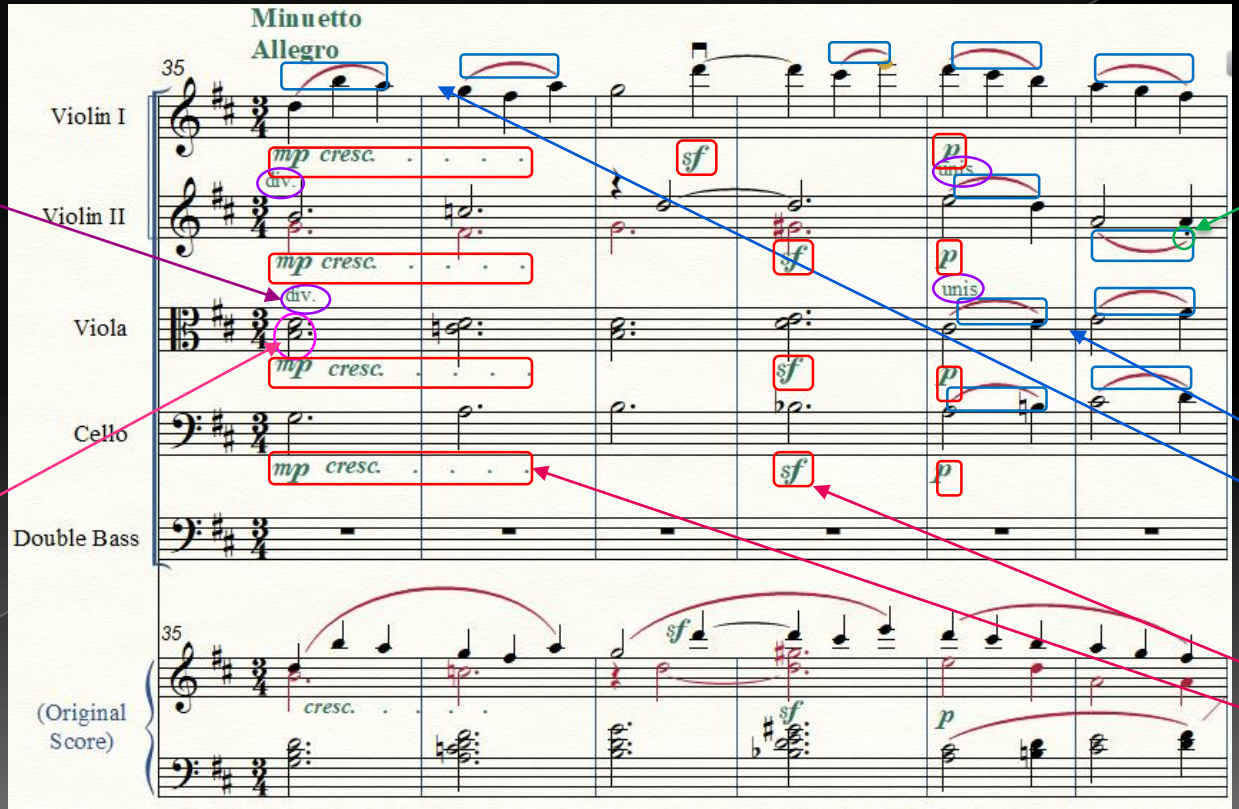
Scoring for Strings

- from Beethoven's *Piano Sonata Op.10 No.3*, I (Bar 35-38)



Writing for 2 or More Instruments

Scoring for Strings



No need to write "div." if the part can manage to play the 2 notes at the same time

Can beam together if the rhythm of the upper and lower parts are the same

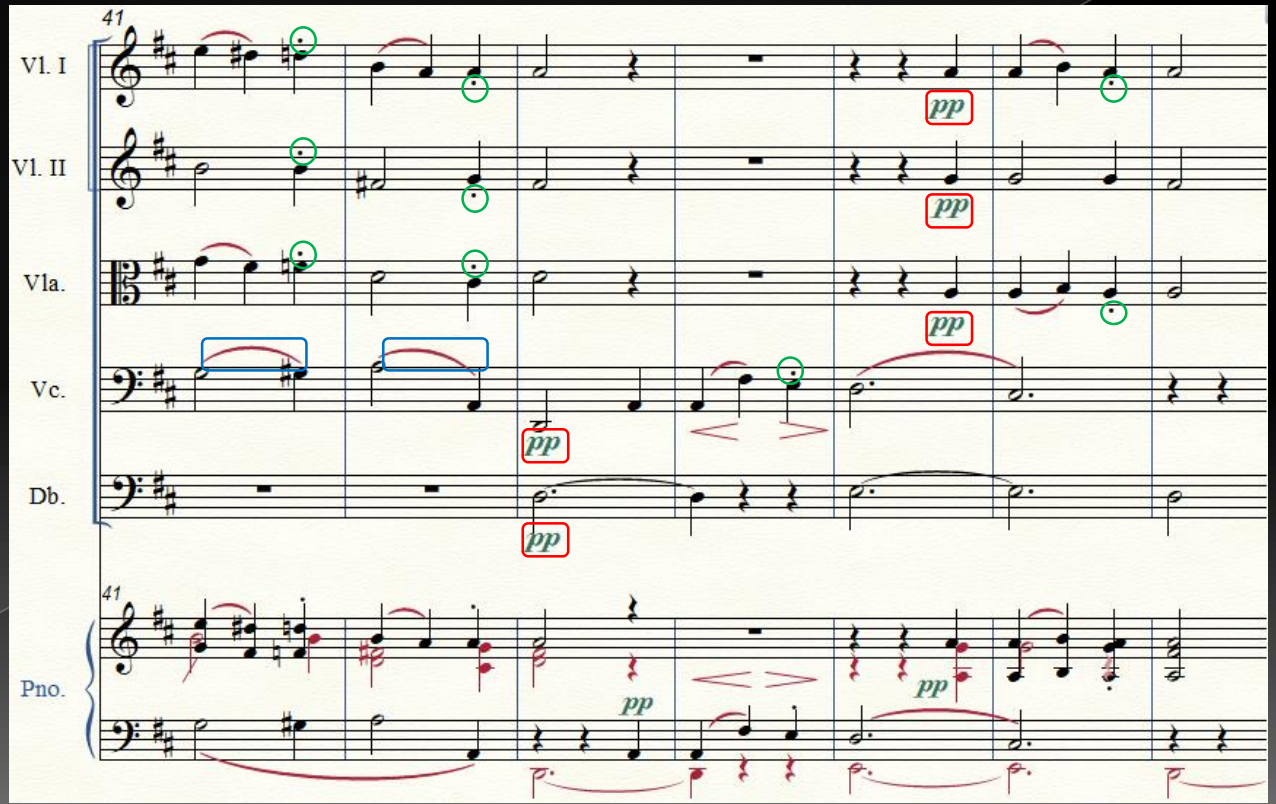
Add stacc. if having a slur on the same note

Better break the phrase mark into bowing slur (i.e. one bow per bar)

Add dynamics to each staff

Writing for 2 or More Instruments

Scoring for Strings



Writing for 2 or More Instruments

Recommended Readings

- Black, Dave and Gerou, Tom. ***Essential Dictionary of Orchestration***. Alfred Pub Co., 1998.
- Kennan, K.W. ***The Technique of Orchestration***. 6th Edition. University of Texas at Austin, 2014.
- Hansen, Brad. ***The Essentials of Instrumentation***. Mayfield Pub. Co., c1991.
- Adler, Samuel. ***The Study of Orchestration***. 3rd Edition. W. W. Norton, New York, 2002.
- Blatter, Alfred. ***Instrumentation/Orchestration***, 2nd Edition, Schirmer Books, 1997.
- 胡登跳：**《民族管弦樂法》**，上海，上海音樂出版社，1999
- 唐朴林：**《民族器樂多聲部寫作》**，上海，中央音樂學院出版社，2006

Vertical Developing Techniques

- Creative Ideas from Contemporary Music

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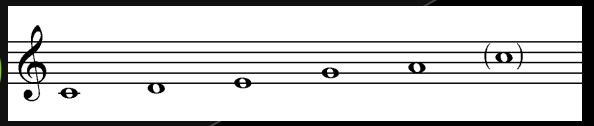
Creative Ideas from Contemporary Music

- **Characteristics of Contemporary Music**
  - Atonal, wide leaps, clusters, exotic scales, complex rhythm, experimental, etc.
- **Styles and Trends**
  - Serialism
  - Impressionism
  - Expressionism
  - Neoclassicism
  - Minimalism
  - Chance Music (Aleatory music)
  - Electronic Music
  - Polystylism
  - New Complexity, etc.

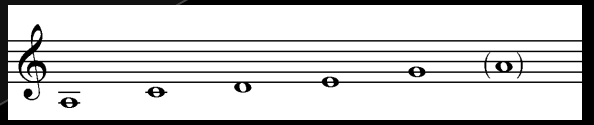
Creative Ideas from Contemporary Music

More about Scales

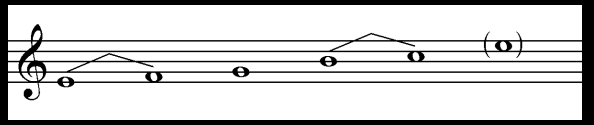
[5-note] (Major) Pentatonic Scale **(do-re-mi-sol-la)**



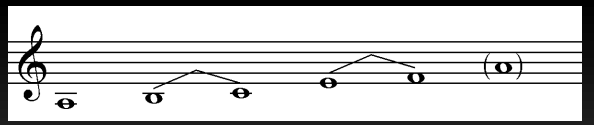
[5-note] Minor Pentatonic Scale **(la-do-re-mi-sol)**



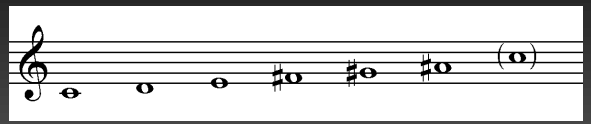
[5-note] Pelog Scale (Indonesian) **(mi-fa-sol-ti-do)**

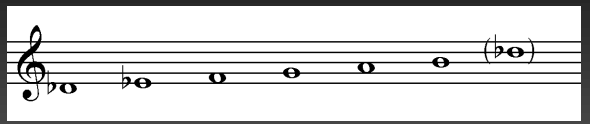


[5-note] Hirajōshi Scale (Japan) **(la-ti-do-mi-fa)**



[6-note] **Whole-tone Scale**



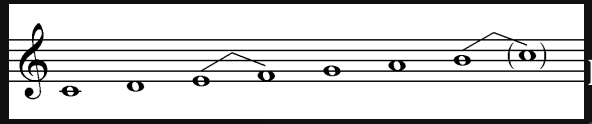


Creative Ideas from Contemporary Music

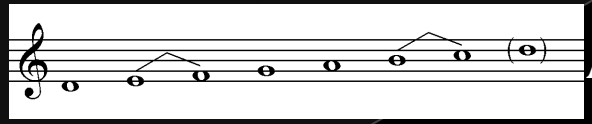
More about Scales

[7-note] **Modal Scale (Mode)**

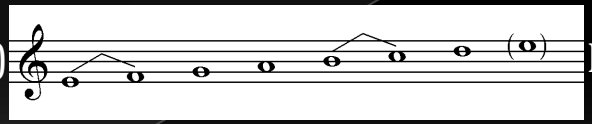
Ionian (tonic is do)



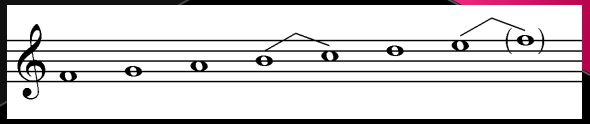
Dorian (tonic is re)



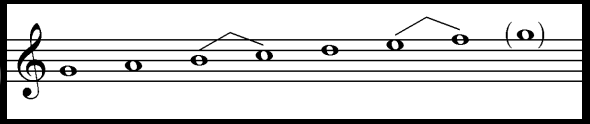
Phrygian (tonic is mi)



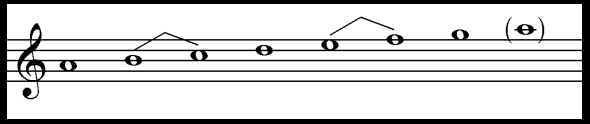
Lydian (fa)



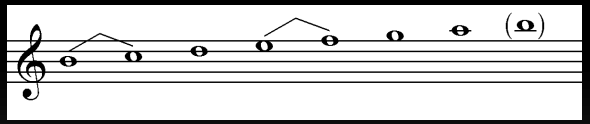
Mixolydian (sol)



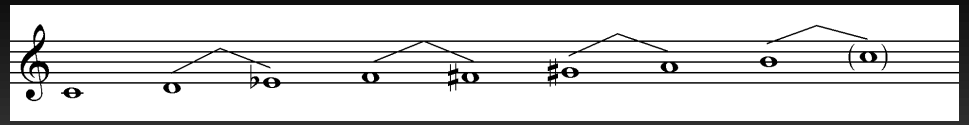
Aeolian (la)



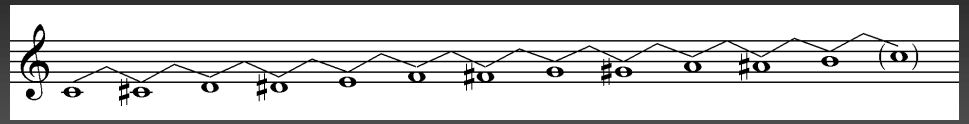
Locrian (ti)



[8- note] **Octatonic / Diminished Scale**



[12-note] **Chromatic Scale**

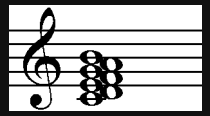


[free] **Artificial Scale** (create you OWN scale, e.g. C Db E F# G A# B)

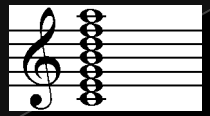
Creative Ideas from Contemporary Music

More about Chords

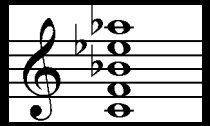
[by 2nds] Secundal Chords (cluster)



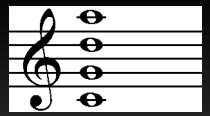
[by 3rds] Tertian Chords



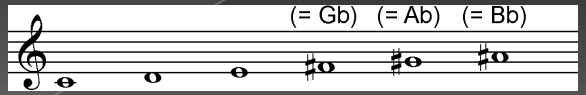
[by 4ths] Quartal Chords

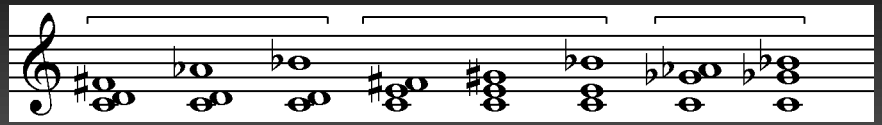


[by 5ths] Quintal Chords



[from Whole-tone Scale] Whole-tone Chords





Creative Ideas from Contemporary Music

Recommended Listening

- About **Harmony & Chords**
  - Bartók's *Piano Concerto No. 2* (1931)
  - Rautavaara's *Piano Concerto No. 1* (1969)
- About **Timbre & Texture**
  - Penderecki's *Threnody for the Victims of Hiroshima* (1960)
  - John Adam's *Shaker Loops* (1982)
- About **Polystylism**
  - Pärt's *Cello Concerto "Pro Et Contra"* (1966)
  - Schnittke's *Concerto Grosso No. 1* (1977)
- **Solo & Chamber Music**
  - Messiaen's *Quatuor pour la fin du temps* (*Quartet for the End of Time*) (1941)
  - Ligeti's *Musica Ricercata* (1953)