

Additive Pentachord—Minor

				S↓	S	↓S	↓S	↓S	↓S
			F↓	F		F↑	F	F	F
		me↓	me	me			me↑	me	me
	R↓	R	R	R				R↑	R
D	↑D	↑D	↑D	↑D					D↑

Intervals in Tonic Pentachord— Minor

				S↓	S	↓S	↓S	↓S	↓S
			F↓	F		F↑	F	F	F
	R↓	me↓ R	me R	me R			me↑	me R↑	me R
D	↑D	↑D	↑D	↑D					D↑
P ₁	M ₂	m ₃	P ₄	P ₅	P ₁	M ₂	M ₃	P ₄	P ₅

Intervals in Tonic Pentachord— Minor

				S↓	S	↓S	↓S	↓S	↓S
			F↓			F↑			
	R↓	me↓					me↑	R↑	
D	↑D	↑D	↑D	↑D					D↑
P ₁	M ₂	m ₃	P ₄	P ₅	P ₁	M ₂	M ₃	P ₄	P ₅

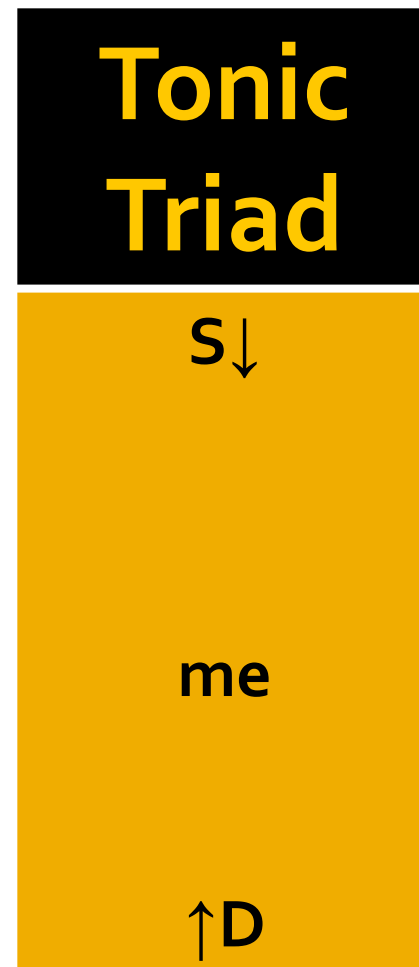
Intervals of a Third in Tonic Pentachord—Minor

		S↓	↓S		
	F↓	F	F	↓F	
me↓	me	↑me	me↑	me	↓me
R	↑R			R↑	R
↑D					D↑

Tonic Triad

S↓
F
me
R
↑D

Intervals of a Third in Tonic Pentachord—Minor



Natural Minor Scale

D'↓

te

le

S

F

me

R

↑D

Extended Natural Minor Scale

R'↓

D'

te

le

S

F

me

R

D

te''

le''

↑S''

Additive Natural Minor Scale

							D↓	D	↓D	↓D	↓D	↓D	↓D	↓D	↓D
						te↓	te		te↑	te	te	te	te	te	te
					le↓	le	le			le↑	le	le	le	le	le
				S↓	S	S	S			S↑	S	S	S	S	S
			F↓	F	F	F	F				F↑	F	F	F	F
	R↓	me↓	me	me	me	me	me						me↑	me	me
	R	R	R	R	R	R	R						R↑	R	R
D	↑D	↑D	↑D	↑D	↑D	↑D	↑D								D↑

Ascending Pentachords Built on Each Scale Degree in the Natural Minor Scale

S↓ F me R ↑D	le↓ S F me ↑R	te↓ le S F ↑me	D'↓ te le S ↑F	R'↓ D' te le ↑S	me'↓ R' D' te ↑le	F'↓ me' R' D' ↑te	D'
i	ii°	III	iv	v	VI	VII	i

Descending Pentachords Built on Each Scale Degree in the Natural Minor Scale

D'	↓F' me' R' D' te↑	↓me' R' D' te le↑	↓R' D' te le S↑	↓D' te le S F↑	↓te le S F me↑	↓le S F me R↑	↓D' S F me R D↑
i	VII	VI	v	iv	III	ii°	i

Minor Scales

Natural Minor Scale

D'↓

te

le

S

F

me

R

↑D

Harmonic Minor Scale

D'↓

T

le

S

F

me

R

↑D

Melodic Minor Scale

D'

T

L

S

F

me

R

↑D

D'↓

te

le

S

F

me

R

D

Ascending & Descending Intervals from Tonic in the Natural Minor Scale

							D↓	D	↓D	↓D	↓D	↓D	↓D	↓D	↓D
						te↓	te		te↑	te	te	te	te	te	te
					le↓	le	le			le↑	le	le	le	le	le
				S↓	S	S	S				S↑	S	S	S	S
			F↓	F	F	F	F					F↑	F	F	F
		me↓	me	me	me	me	me						me↑	me	me
	R↓	R	R	R	R	R	R							R↑	R
D	↑D	↑D	↑D	↑D	↑D	↑D	↑D								D↑
P1	M2	m3	P4	P5	m6	m7	P8	P1	M2	M3	P4	P5	M6	m7	P8

Combining Forms of the Minor Scale

D		D		D	
te	↓te	T	↓T	T	↓te
le	le	↑le	le	↑L	le
S	S		S		S
F					F
me					me
R					R
↑D					↑D
Natural minor		Harmonic minor		Melodic minor	

Patterns of Thirds in the Natural Minor Scale

[illegible]

Ascending & Descending Intervals from Tonic in the Natural Minor Scale

							D↓	D	↓D	↓D	↓D	↓D	↓D	↓D	↓D
						te↓			te↑						
				S↓	le↓					le↑	S↑		F↑		
			F↓												
		me↓													
	R↓														
D	↑D	↑D	↑D	↑D	↑D	↑D	↑D								D↑
P1	M2	m3	P4	P5	m6	m7	P8	P1	M2	M3	P4	P5	M6	m7	P8

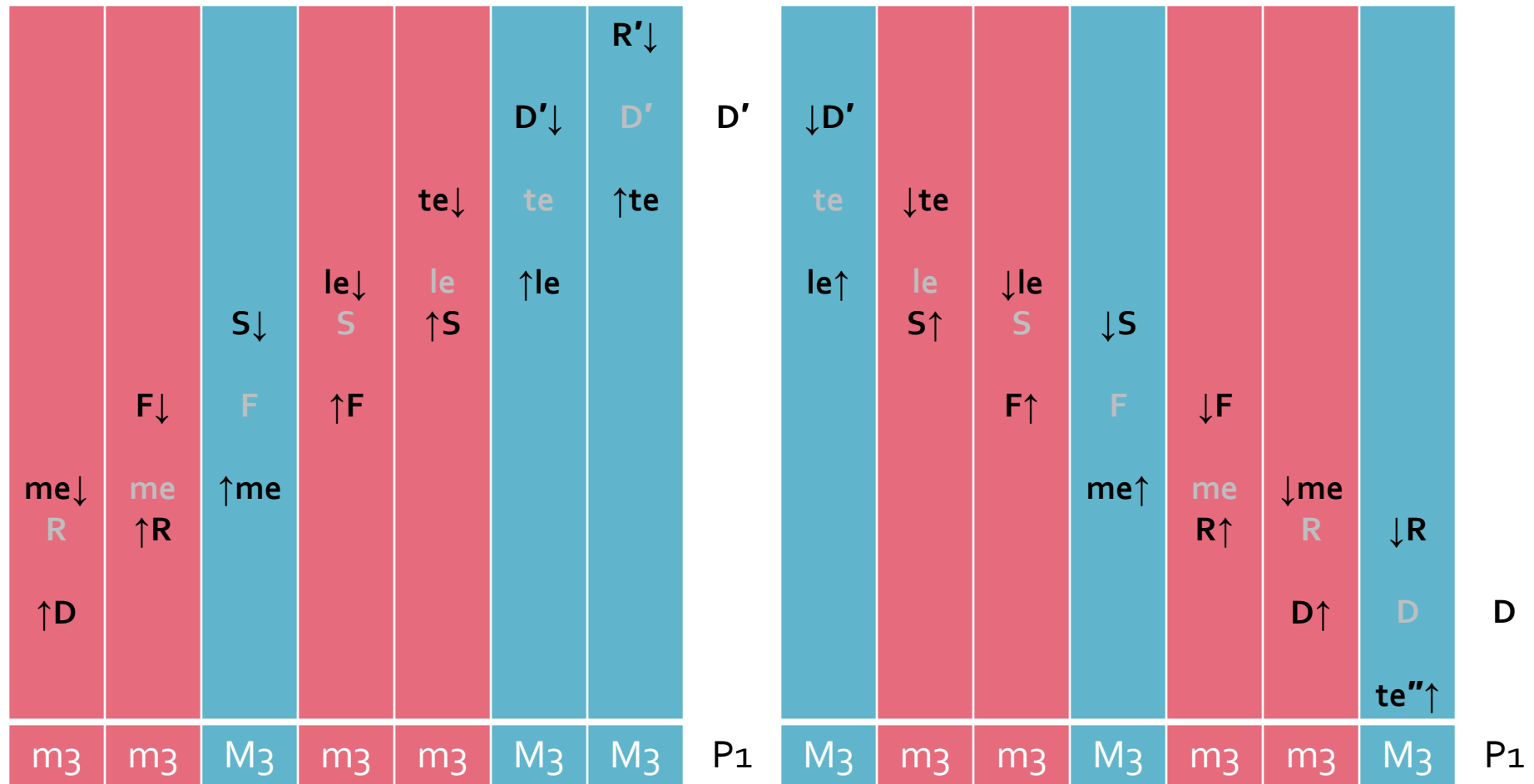
Intervals Moving Out from Tonic in the Natural Minor Scale

D	R↓ ↑D	↓D te↑	me↓ R ↑D	↓D te le↑	F↓ me R ↑D	↓D te le S↑	S↓ F me R ↑D	↓D te le S F↑	le↓ S F me R ↑D	↓D te le S F me↑	te↓ le S F me R ↑D	↓D te le S F me R↑	D↓ te le S F me R ↑D	↓D te le S F me R D↑
P1	M2	M2	m3	M3	P4	P4	P5	P5	m6	M6	m7	M7	P8	P8

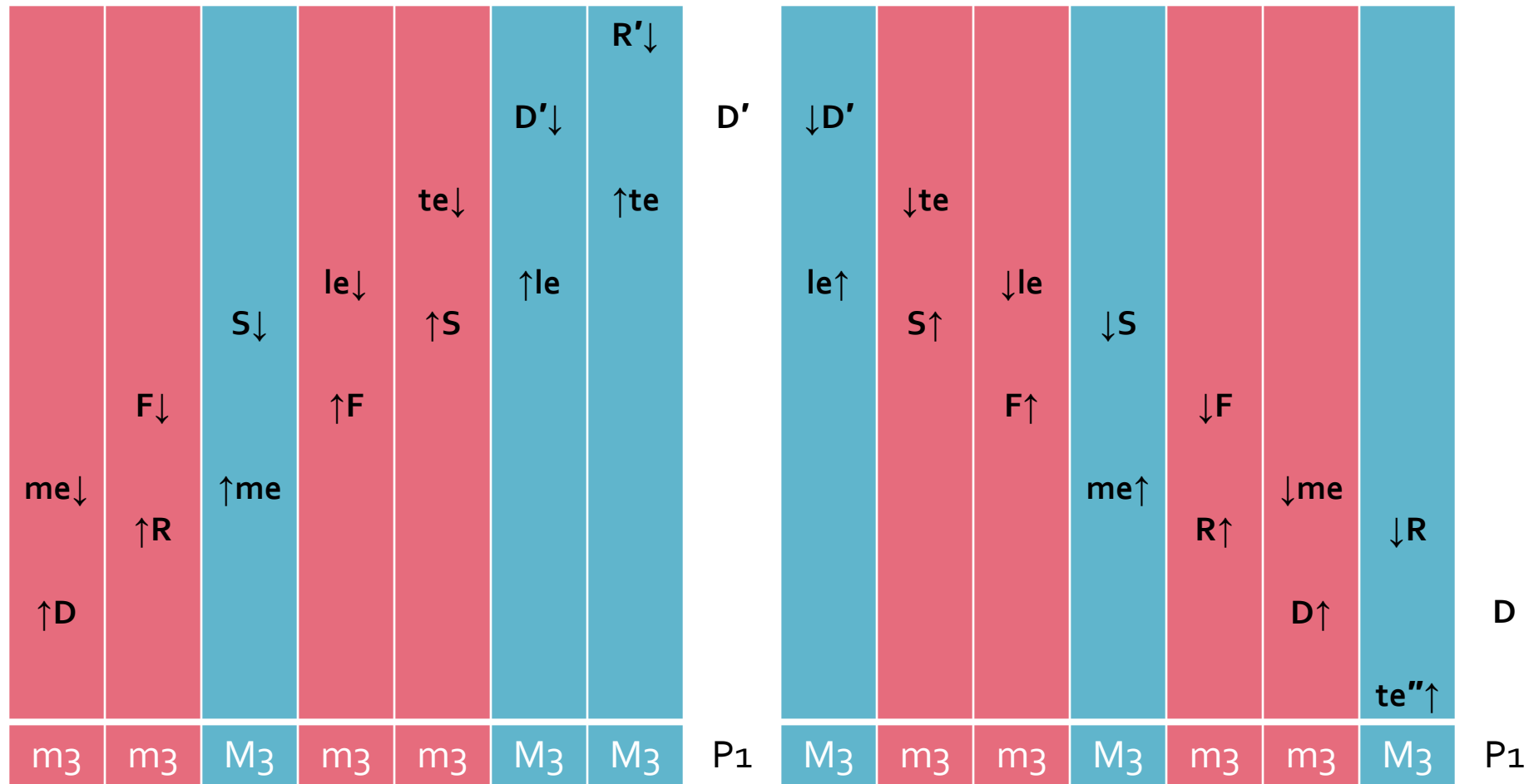
Intervals Moving Out from Tonic in the Natural Minor Scale

D	R↓ ↑D	↓D te↑	me↓ ↑D	↓D le↑	F↓ ↑D	↓D S↑	S↓ ↑D	↓D F↑	le↓ ↑D	↓D me↑	te↓ ↑D	↓D R↑	D↓ ↑D	↓D D↑
P1	M2	M2	m3	M3	P4	P4	P5	P5	m6	M6	m7	m7	P8	P8

Intervals of a Third in the Natural Minor Scale



Intervals of a Third in the Natural Minor Scale



Additive Harmonic Minor Scale

						T↓	D↓ T	D	↓D T↑	↓D T	↓D T	↓D T	↓D T	↓D T	↓D T
				S↓	le↓ S	le S	le S			le↑	le S↑	le S	le S	le S	le S
			F↓	F	F	F	F				F↑	F	F	F	F
	R↓	me↓ R	me R	me R	me R	me R	me R						me↑	me R↑	me R
D	↑D	↑D	↑D	↑D	↑D	↑D	↑D								D↑

Patterns of Thirds in the Harmonic Minor Scale

						R		↓R								
				T	D T	D ↑T	D	D T	↓D T	↓T						
		S	le S	le ↑S	↑le				le	le S	↓le S	↓S				
	F	F	↑F								F	F	↓F			
me R	me ↑R	↑me										me	me R	↓me R	↓R	
↑D														D	D T	D