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EX 5.

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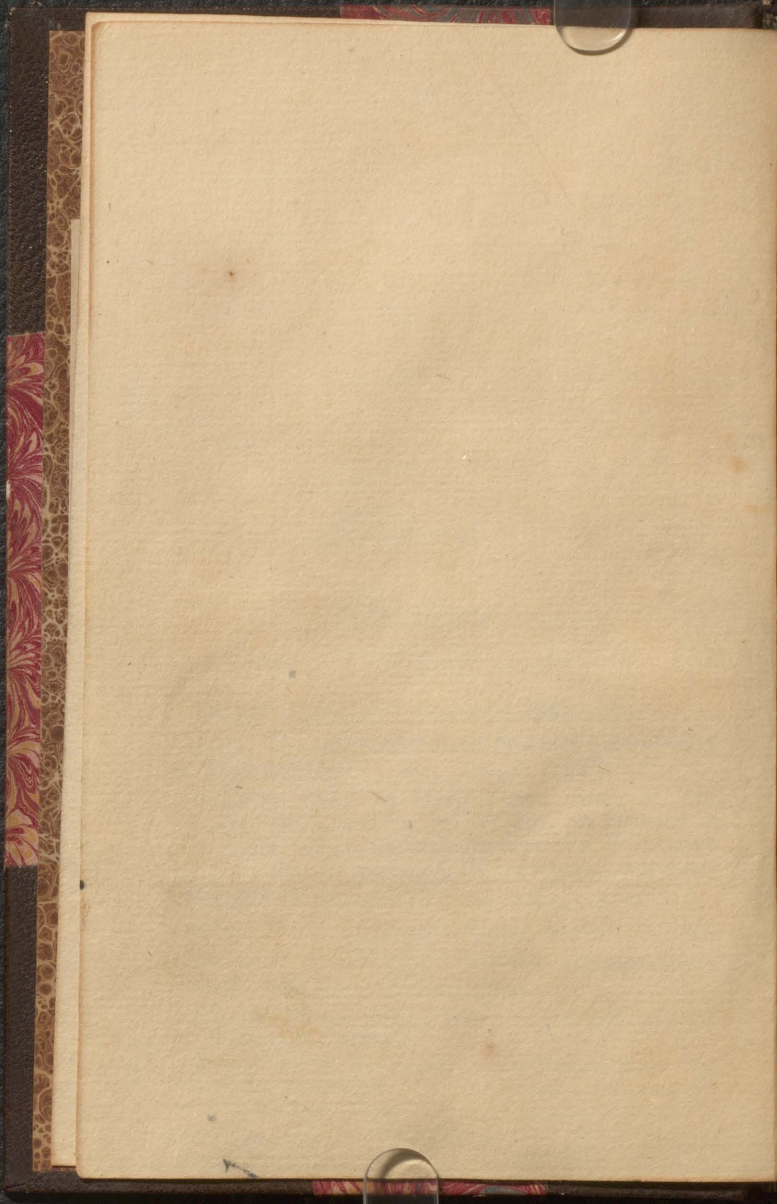
4649

4649. The Art of Descant or Composing of Musick in Parts. By a most familiar and easie Rule: In three several Treatises . . . By Dr. Tho. Campion. Annotations thereon, by Mr. Ch. Simpson. sm. 8°. Lond., *pr.* by W. G. for J. Playford, 1667.

Bk. 3 (pp. 105-51) of 'A brief introduction to the skill of musick: in 3 books', 1667, of which bks. 1-2, wanting in this copy, are by John Playford (1623-*c.*1686), the musician-publisher. With bk.-plate of W[m.] H[aymans] C[ummings], 1831-1915].

Campion's work, first published *c.* 1617 with title 'A new way of making fowre parts in counterpoint [&c.]', was appended by Playford in 1660 to the 3rd ed. of his 'Introduction'.

The R. C. P. has Campion's 'Observations in the art of English poesie', 12°, 1602. [W. O.]



The Art of
DESCANT or COMPOSING
OF
MUSIC in PARTS.

By a most familiar and easie Rule :

In three several Treatises.

- I. *Of making four parts in Counterpoint.*
- II. *A necessary Discourse of the several Keyes, and their proper Closes.*
- III. *The allowed passages of all Concords, perfect and imperfect.*

By Dr. THO. CAMPION.

Annotations thereon, by Mr. Ch. Simpson.



London, Printed by W. G. for J. Playford. 1667.

There are Nine Concords of Musick, as followeth,

A Unison, Third, Fift, Sixt, Eight, Tenth, Twelfth, Thirteenth, and Fifteenth: whereof five are called perfect, and four unperfect.

The five perfect, are Unison, Fift, Eight, Twelfth and Fifteenth: Of these you may not take two of one sort together, neither rising nor falling, as two *Fifts* or two *Eights*.

The other four, called unperfect, you may take two or three together of one sort, rising or falling, which are, a *Third*, *Sixth*, *Tenth*, and *Thirteenth*.

These Nine Concords are comprehended in four, viz.

Unison, }
Eight, } are accounted as one, for every
Fifteenth, } Eight is the same.

Third, }
Tenth, } likewise.

Fift, }
Twelfth, } likewise. } So that in effect
Sixt, } there are but four
Thirteenth, } in like sort. } Concords.

The Discords are, a *Second*, *Fourth*, and *Seventh*, with their *Eights*; which being sometime mixt with Concords, make best Musick, being orderly taken.


Of Counterpoint. *



THE parts of Musick are in all but Four, howsoever some skilful Musicians have composed Songs of twenty, thirty, and forty parts : for be the parts never so many, they are but one of these four in nature. The names of those four parts are these : The *Bass*, which is the lowest part and foundation of the whole Song : The *Tenor*, placed next above the *Bass* ; Next above the *Tenor* the *Mean*, or *Counter Tenor* ; and in the highest place, the *Treble*. These four parts by the Learned are said to resemble the four Elements, the *Bass* expresseth the true nature of the Earth, who being the gravest and lowest of all the Elements, is as a foundation to the rest. The *Tenor* is likened to the Water, the *Mean* to the Ayre, and the *Treble* to the Fire. Moreover by how much the Water is more light than the Earth, by so much the Air is lighter than the Water, and

Fire

Fire then Ayre : They have also in their native property every one place above the other ; the lighter uppermost, the weightiest in the bottome. Having now demonstrated that there are in all but four parts, and that the *Bass* is the foundation of the other three, I assume that the true sight and judgement of the upper three must proceed from the lowest, which is the *Bass*; and also I conclude that every part in nature doth affect his proper and natural place, as the Elements do.

* Counterpoint, in Latin *Contra punctum*, was the old manner of Composing parts together, by setting Points or Pricks one against another (as Minims and Semibreves are set in this following Treatise,) the measure of which Points or Pricks were sung according to the quantity of the Words or Syllables to which they were applied. (For these Figures  were not as yet invented.) And, because in Plain song Musick we set Note against Note, as they did point against point, thence it is that this kind of Musick doth still retain the name of Counterpoint.

True it is, that the ancient Musicians, who intended their Musick only for the Church, took their sight from the *Tenor*, which was rather done out of necessity than any respect to the true nature of Musick, for it was usual with them to have a *Tenor* as a Theam, to which they were compelled to adapt their other parts : but I will plainly convince by de-

demonstration, that (contrary to some opinions) the *Bass* contains in it both the Ayre and true judgement of the Key, expressing how any man at the first sight may view in it all the other parts in their original essence.

In respect of the variety in Musick which is attained to by farther proceeding in the Art, as when Notes are shifted out of their native places, the *Bass* above the *Tenor*, or the *Tenor* above the *Mean*, and the *Mean* above the *Treble*, this kind of *Counterpoint*, which I promise, may appear simple and only fit for young beginners, (as indeed chiefly it is) yet the right speculation may give much satisfaction, even to the most skilful, laying open unto them, how manifest and certain are the first grounds of *Counterpoint*.

First, it is in this case requisite that a formal *Bass*, or at least part thereof be framed, the Notes rising and falling according to the nature of that part, not so much by degrees, as by leaps of a third, fourth, or fifth, or eighth, a sixth being seldome, a seventh never used, and neither of both without the discretion of a skilful Composer. Next we must consider whether the *Bass* doth rise or fall, for in that consists the mysterie: That
rising

fifth ascending is all one with the fourth descending. Example of the first Notes.



The third two Notes which make the distance of a fourth, are all one with this fifth following.

But let us make our approach yet nearer : if the *Bass* shall ascend either a second, third, or fourth,



that part which stands in the third or tenth above the *Bass*, shall fall into an eighth, that which is a fifth shall pass into a third, and that which is an eighth shall remove into a fifth.

But that all this may appear more plain and easie, I have drawn it all into these 6 figures.

8	3	5
3	5	8

Though you find here onely mentioned and figured a third, fifth, and eighth, yet not onely these single Concords are meant, but by them also their (a) Compounds, as a tenth, a twelfth, a fifteenth, and so upwards; and also the unison as well as the eighth.

(a) By their Compounds is meant their Octaves; as a third and its eights, a fifth and its eights, &c.

This being granted, I will give you Example of those figures prefixed : When the *Bass*

Bass riseth, beginning from the lowest figure, and rising to the upper; as if the *Bass* should rise a second, in this manner.



Then if you will begin with your third, you must set your Note in *A la mi re*, which is a third to *F fa ut*, and so look upward, and that cord which you see next above it use, and that is an eight in *G sol re ut*.

After that, if you will take a fifth to the first Note, you must look upward and take the third you find there for the second Note. Lastly, if you take an eighth for the first Note, you must take for the second Note the cord above it, which is the fifth.

Example of all the three parts added to the *Bass*.

	8 5		8 5	8 5
Treble.		What parts		
		arise out of		
		the rising of		
Mean.	5 3	the second;	5 3	5 3
		the same an-		
		swer in the		
Tenor.	3 8	rising of the	3 8	3 8
		3 & 4 thus.		
Bass.				
		This riseth	This riseth	
		a third.	a fourth.	

Albeit any man by the rising of parts, might of himself conceive the same reason in the falling of them, yet that nothing may be thought obscure, I will also illustrate the descending Notes by example.

If the *Bass* descends or falls, a second, third, or fourth, or riseth a fifth (which is all one as if it had fallen a fourth, as hath been shewed before) then look upon the six figures, where in the first place you shall find the eighth which descends into the third, in the second place the third descending into the fifth, and in the third and last place the fifth which hath under it an eighth.

<p>8 3 8 3 8 3</p> <p>Treble.</p> <p>5 8 5 8 5 8</p> <p>Mean.</p> <p>3 5 3 5 3 5</p> <p>Tenor.</p> <p>Bass.</p>	<p>Thus much for the rising and falling of the <i>Bass</i> in several: Now I will give you a brief example of both of them mixed together in the plainest fashion, let this strain serve for the <i>Bass</i>.</p>
---	---

Albeit any man by the rising of parts
may be hindered the same reason
in the falling of them yet the following may



The two Notes fall a second, the second and third Notes fall a fifth, which you must call rising a fourth, the third and fourth Notes rise a fifth, which you must name the fourth falling, the fourth and fifth Notes rise a second, the fifth and sixth Notes fall a third, the sixth and seventh Notes also fall a third, the seventh and eighth rise a second, the eighth and ninth Notes rise a fourth, the tenth and eleventh Notes fall a fifth, which you must reckon rising a fourth.

Being thus prepared, you may chuse whether you will begin with an eighth, or fifth, or a third; for as soon as you have taken any one of them, all the other Notes necessarily, without respect of the rest of the parts, and every one orderly without mixing, keeps his proper place above the other, as you may easily discern in the following Example.

Exam-

Example.

8 3 8 3 8 3 5 3 8 3 8

Treble.

5 8 5 8 5 8 2 8 3 8 5

Mean.

3 5 3 5 3 5 8 5 3 5 3

Tenor.

Bass.

Let us examine onely one of the parts, and let that be the *Tenor*, because it stands next to the *Bass*. The first Note in *B.* is a third to the *Bass*, which descends to the second Note of the *Bass* : Now look among the six figures, and when you have found the third in the upper place, you shall find under it a fifth, then take that fifth which is *C.* next from *F.* to *B.* below, is a fifth descending, for which say ascending, and so you shall look for the fifth in the lowest row of the figures, above which stands a third, which

is to be taken ; that third stands in *D*. then from *B*. to *F*. the *Bass* rises a fifth, but you must say falling, because a fifth rising and a fourth falling is all one, as hath been often declared before ; now a third when the *Bass* falls requires a fifth to follow it : (*d*) But what needs further demonstration, when as he that knows his cords, cannot but conceive the necessity of consequence in all these, with help of those six figures.

(*d*) When you have made a formal *Bass*, and would joyn other three parts to it, set the first Note of your *Tenor* either a third, fifth, or eighth above your *Bass*, (which of them you please) which done, place your *Mean* in the next Cord you find above your *Tenor*, and your *Treble* in the next Cord above your *Mean*, then follow the Rule of your figures, according to the rising or falling of your *Bass*, and the other Notes will follow in their due order.

But let them that have not proceeded so far, take this Note with them concerning the placing of the parts ; if the upper part or *Treble* be an eighth, the *Mean* must take the next Cord under it, which is a fifth, and the *Tenor* the next Cord under that, which is a 3^d. But if the *Treble* be a third, then the *Mean* must take the eighth, and the *Tenor* the fifth. Again, if the uppermost part stands in the fifth or twelfth, (for in respect of the Learners ear, in the simple Concord I conclude
all

all his compounds) then the *Mean* must be a tenth, and the *Tenor* a fifth. Moreover, all these Cords are to be seen in the *Bass*, and such Cords as stand above the *Notes* of the *Bass* are easily known, but such as in sight are found (e) under it, trouble the young beginner; let him therefore know that a third under the *Bass*, is a sixth above it, and if it be a greater third, it yeilds a lesser six above; if the lesser third, the greater sixth. A fourth underneath the *Bass* is a fifth above, and a fifth under the *Bass* is a fourth above it. A sixth beneath the *Bass* is a third above, and if it be the lesser sixth, then is the third above the greater third, and if the greater sixth underneath, then is it the lesser third above; and thus far have I digressed for the Scholars sake.

(e) If this Discourse of Cords under the *Bass* do trouble the young beginner, let him think no more upon them (for it is not intended that he should place any *Notes* below the *Bass*) but let him look for his cords, reckoning always from his *Bass* upward; which that he may more easily perform, let him draw eleven lines (which is the whole compass of the Scale) and set the three used Cliffs in their proper places; this done, he may prick his *Bass* in the lowest five lines, and then set the other three parts in their orderly distances above the *Bass*, Note against Note, as you see in this Example.

These

Which being prick'd in several parts, appeareth thus :

I have propos'd the former Example of the eleven lines, to lead the young beginner to a true knowledge of the Scale, without which nothing can be effected; but having once got that knowledge, let him then compose his Musick in several parts, as we see in his second Example.

Here I think it not amiss to advertise the young Beginner, that so often as the Bass doth fall a fifth, or rise a fourth (which is all one, as hath been said) that part which is a third to the

Bass

Bass in the antecedent Note, that third I say must always be the sharp or greater third, as was apparent in the last example of four parts, in the first Notes of the second Bar in the Mean Part, and likewise in the last Note but one of the same part, in both which places there is a * set to make it the greater third. The same is to be observ'd in what part soever this third shall happen.

If I should discover no more then this already deciphered of *Counterpoint*, wherein the native order of four parts with use of the *Concords*, is demonstratively expressed, might I be my own Judge, I had effected more in *Counterpoint*, then any man before me hath ever attempted, but I will yet proceed a little further. And that you may perceive how cunning and how certain nature is in all her operations, know that what *Cords* have held good in this ascending and descending of the *Bass*, answer in the contrary by the very same rule, though not so formally as the other, yet so, that much use is, and may be made of this sort of *Counterpoint*. To keep the figures in your memory, I will here place them again, and after them plain Examples.

8	3	5
3	5	8

8 5 8 5 8 5 5 8 5 1 5 8

5 3 5 3 5 3 3 5 3 5 3 5

3 8 3 8 3 8 8 3 8 3 8 3

In these last examples you may see what variety Nature offers of herself; for if in the first Rule the Notes follow not in expected formality, this second way be-

ing quite contrary to the other, affords us sufficient supply: the first and last two Notes arising and falling by degrees, are not so formal as the rest; yet thus they may be mollified, by breaking two of the first Notes.

8 5 5 8

5 3 3 5

3 8 8 3

How both the wayes may be mix'd together, you may perceive by this example, wherein the black Notes distinguish the second way from the first.

In this example the fifth and sixth notes of the three upper parts are after the second way, for from the fourth Note of the *Bass* which is in from *G.* and goeth to *B.* is a 3. rising, so that according to the

first Rule, the eighth shall pass into the fifth, the fifth into a third, the third into an eighth. But here contrarywise the eighth goes into a third, the fifth in an eighth, and the third into a fifth; and by these Notes you may censure the rest of that kind. (f)

(f) when your *Bass* standeth still (that is to say, hath two or more Notes together in one and the same place) you may chuse whether you will make your parts do so too, or change them, as you see our Author hath done in the second Note of this present example. If you change them, you may do it either by the Rule of descending or ascending, which you please, so you do but observe formality.

Though I may now seem to have finished all that belongs to this sort of *Counterpoint*, yet there remains one scruple; that is, how the sixth may take place here, which I will also

also declare. Know that whensoever a sixth is requisite, as in *B.* or in *E.* or *A.* the Key being in *Gam-ut*, you may take the sixth instead of the fifth, and use the same Cord following which you would have taken if the former Cord had been a fifth. Example.

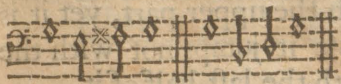
6 3

6 3

The sixth in both places (the *Bass* rising) passes into a 3. as it should have done if the sixth had been a fifth. Moreover, if the *Bass* shall use a sharp, as in *F.* sharp; then must we

take the sixth of necessity, but the eighth to the *Bass* may not be used; so that exception is to be taken against our rule of *Counterpoint*: To which I answer thus: first, such *Basses* are not (*g*) true *Basses*, for where a sixth is to be taken either in *F.* sharp, or in *E.* sharp, or in *B.* or in *A.* the true *Bass* is a third lower, *F.* sharp in *D.* *E.* in *C.* *B.* in *G.* *A.* in *F.* as for Example.

(g) He doth not mean, that such Basses are bad, false, or defective, but that they have (perhaps for elegance or variety) assumed the nature of some part for a Note or two, and so want the full latitude of a Bass in those Notes.



In the first Bass two fixes are to be taken, by reason of the imperfection of the Bass wanting due latitude, the one in *E*. the other in *F*. sharp, but in the 2. Bass the fixes are removed away, and the Musick is fuller.

Nevertheless, if any be pleased to use the Bass sharp, then in stead of the eighth to the Bass, he may take the third to the Bass, in this manner.

Here the Treble in the third Note, when it should have past in the sharp eighth in *F*. takes for it a third to the Bass in *A*. which causeth the Bass and Treble to rise two thirds, whereof we will speak hereafter.

Note also that when the Bass stands in *E*. flat, and the part that is an eighth to it must pass into a sharp, or greater third, that this passage from the flat to the sharp would be unformal; and therefore

fore it may be thus with small alteration avoided, by removing the latter part of the Note into the third above, which though it meets in unison with the upper part, yet it is right good, because it jumps not with the whole, but only with the last half of it.

Example.


The musical score is written on four staves: Treble, Mean, Tenor, and Bass. The key signature has one sharp (F#) and the time signature is 3/4. The score is divided into two measures. The first measure is marked with a '1' above the Treble staff and an '8' above the Mean staff. The second measure is marked with a '2' above the Treble staff and a '3' above the Mean staff. The notes are diamond-shaped. The Treble staff has notes G4, A4, B4, C5, and G4. The Mean staff has notes G4, A4, B4, C5, and G4. The Tenor staff has notes G4, A4, B4, C5, and G4. The Bass staff has notes G4, A4, B4, C5, and G4. There are 'x' marks above some notes in the Tenor and Mean staves.

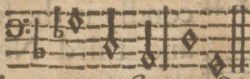
For the second Example look hereafter in the rule of thirds, but for the first Example here : if in the *Mean* part the third Note that is divided, had stood till a *Minum* (as by rule it should) and so had past in *F.* sharp, as it must of force be made sharp at a close, it had been then passing unformal. But

But if the same *Bass* had been set in the sharp Key, the rest of the part would have fallen out formal of themselves without any help, as thus :

Treble.  When the *Bass* shall stand still in

Mean.  one Key, as above it doth in the third Note, then the o-

Tenor.  ther parts may remove at their pleasure.

Bass.  Moreover, it is to be observed, that in composing of the *Bass*, you may break it at your pleasure, without altering any of the other parts: as for example.

Treble. 

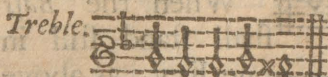
Mean. 

Tenor. 

Bass plain. 

Bass divided. 

One other observation more I will handle, that doth arise out of this Example, which according to the first Rule may hold thus :



Herein are two errors, first in the second Notes of the *Basse* and *Treble*, where the third to the *Bass* ought to have been sharp; secondly in the second and third Notes of the same parts, where the third being a lesser third, holds while the *Bass* falls into a fifth, which is unellegant, (*b*) but if the upper third had been the greater third, the fifth had fitly follow'd, as you may see in the third and fourth Notes of the *Tenor* and the *Bass*.

(*b*) But that scruple may be taken away by making the second Note of the *Treble* sharp, and in stead of a fifth by removing the third Note into a sixth.

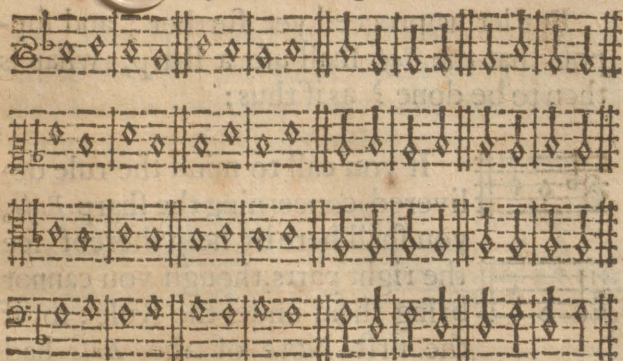
When any informality doth occur, the Scholar need not tie himself to the first Rules of the Bass rising or falling, but may take such Cords as his Genius shall prompt him to, (having a care that he take not two eights or fifts together) rising or falling betwixt any two parts whatsoever: 'Tis true, our Author did invent this Rule of the figures, as the easiest way to lead the young Beginner to this kind of Composition; in which he hath done more then any that I have ever seen upon this subject; but this he did to show the smoothest way, and not to tie his Scholar to keep strictly that way when a block or stone should happen to lye in it, but that he may in such a case step out of this way for a Note or two, and then return again into it.

Example.

There may yet be more variety afforded the Bass, by ordering the fourth Notes of the upper parts according to the second rule, thus:

But that I may (as near as I can) leave nothing untouch'd concerning this kind of Counterpoint, let us now consider how two Thirds being taken together between the
Treble

Treble and the *Bass*, may stand with our Rule. For sixes are not in this case to be mentioned, being distances so large that they can produce no formality : Besides, the sixth is of it self very imperfect, being compounded of a third, which is an imperfect Concord ; and of a fourth, which is a Discord : and this the cause is, that the sixes produce so many fourths in the inner parts. As for the third, it being the least distance of any Concord, is therefore easily to be reduced into good order. For if the *Bass* and *Treble* do rise together in thirds, then the first Note of the *Treble* is regular with the other part, but the second of it is irregular; for by rule in stead of the rising third, it should fall into the eighth. In like sort, if the *Bass* and *Treble* do fall two thirds, the first Note of the *Treble* is irregular, and is to be brought into rule by being put into the eighth, but the second Note is of it self regular. Yet whether those thirds be reduced into eights or no, you shall by supposition thereof find out the other parts, which never vary from the rule but in the sharp *Bass*. But let me explain my self by Example.



The first two Notes of the *Treble* are both thirds to the *Bass*, but in the second stroke, the first Note of the *Treble* is a third, and the second which was before a third, is made an eight, onely to shew how you may find out the right parts which are to be used when you take two thirds between the *Treble* and the *Bass*: For according to the former rule, if the *Bass* descends, the third then in the *Treble* is to pass into the eight, and the *Mean* must first take an eight, then a fift; and the *Tenor* a fift, then a third; and these are also the right and proper parts, if you return the eight of the *Treble* into a third again, as may appear in the first example of the *Bass* falling, and consequently in all the rest.

K

But

But let us proceed yet further, and suppose that the *Bass* shall use a sharp, what is then to be done? as if thus:

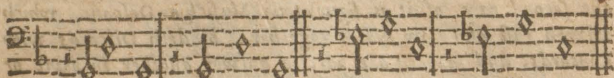


If you call to mind the rule delivered concerning the sharp *Bass*, you shall here by help thereof see the right parts, though you cannot bring them under the Rule: for if the first Note of the *Bass* had been flat, the *Mean* part should have taken that, and so have descended to the fifth; but being sharp, you take for it (according to the former observation) the third to the *Bass*, and so rise up into the fifth. The *Tenor* that should take a fifth, and so fall by degrees into a third, is here forced by reason of the sharp *Bass*, for a fifth to take a sixth, and so leap downward into the thirds. And so much for the thirds.

Lastly, in favour of young beginners let me also add this, that the *Bass* intends a close as often as it riseth a fifth, third, or second, and then immediately either falls a fifth, or riseth a fourth. In like manner, if the *Bass* falls a fourth or second: and after falls a fifth,

fift, the *Bass* insinuates a close, and in all these cases the part must hold, that in holding can use the fourth or eleventh, and so pass either in the third or tenth.

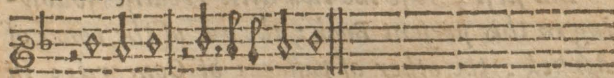
Thus, or thus. Thus, or thus.



Thus, or thus. Thus, or thus.



Thus, or thus.



In the examples before set down I left out the Closes, of purpose that the Cords might the better appear in their proper places,

ces, but this short admonition will direct any young beginner to help that want at his pleasure. And thus I end my Treatise of (i) *Counterpoint* both brief and certain, such as will open an easie way to them, that without help of a skilful Teacher endeavour to acquire the first grounds of this Art.

(i) *Counterpoint* is the first part and ground of Composition; the second part of it is figurative Musick or Descant, which mixeth fast and slow Notes together, bindeth Discords with Concords, and maketh one part to answer another in point or Fuge, with many other excellent varieties: to the attaining of which, I cannot commend you to a better Authour, then our most excellent Country-man, Mr. Morley, in the second and third part of his *Introduction to Musick*. If you desire to see what Foreign Authors do write on this subject, you may (if you understand Latine) peruse the Works of Athanasius Kirkerus and Marsenus, two excellent late Authours.

But first peruse the two little Treatises following in this present Book; the one of the *Tones of Musick*, the other of *passages of Concords*; in both which, our Author (according to his accustomed Method) doth more briefly and more perspicuously treat, than any other Author you shall meet with on the same subject.

In this Ayre the last Note only is for sweetness sake, altered from the Rule, in the last Note of the *Treble*, where the eight being a perfect Concord, and better befitting an outward part at the Close, is taken for a third; and in the *Tenor* in stead of the fifth, that third is taken descending; for in a middle part, imperfection is not so manifest as in the *Treble* at a close, which is the perfection of a Song.



Second Part. Of Tones of Musick.




F all things that belong to the making up of a Musician, the most necessary and useful for him is the true knowledge of the Key or Mood, or Tone, for all signifie the same thing, with the closes belonging unto it, for there is no Tune that can have any grace or sweetness, unless it be bounded within a proper Key; without running into strange Keys, which have no affinity with the air of the Song. I have therefore thought good in an easie and brief discourse to endeavour to expresse that which many in large and obscure volumes have made fearful to the idle Reader.

The first thing herein to be considered is the eight, which is equally divided into a fourth, and a fifth, as thus:


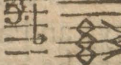

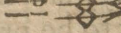


Here

Here you see the fourth in the upper place, and the fifth in the lower place, which is called *Modus Authentus* : but contrary thus :

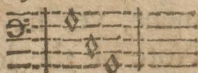
The 8  the 5.
 the 4.


This is called *Modus Plagalii*, but howsoever the fourth in the eight is placed, we must have our eye on the fifth, for that only discovers the Key, and all the closes pertaining properly thereunto : This fifth is also divided into two thirds, sometimes the lesser third hath the upper place, and the greater third supports it below, sometimes the greater third is higher, and the lesser third rests in the lowest place, as for Example :

	the lesser 3.			the greater 3.
	the greater 3.			the lesser 3.

The lowest Note of this fifth bears the name of the Key, as if the eight be from G. to G. the fifth from G. beneath to D. above, G. being the lowest Note of the fifth, shews that G. is the Key, and if one should demand in what Key your Song is set, you must answer in *Gam-ut*, or *G sol re ut*, that is, in G.

If the compass of your Song should fall out thus :



K 4

Respect

Respect not the fourth below, but look to your fifth above, and the lowest Note of that fifth assume for your Key, which is *C*. then divide that fifth into his 2 thirds, and so you shall find out all the closes that belong to that Key.

The main and fundamental close is in the Key it self, the second is in the upper Note of this fifth, the third is in the upper Note of the lowest third, if it be the lesser third; as for example, if the Key be in *C*. with *B*. flat, you may close in these three places.



The first close is that which maintains the aire of the Key, and may be used often, the second is next to be preferr'd, & the last, last.

But if the Key should be in *C*. with *B*. sharp, then the last close being to be made in the greater or sharp third, is unproper, and therefore for variety sometime the next Key above is joyned with it, which is *A*. and sometimes the fourth Key, which is *C*. But these changes of Keys, must be done with judgement, yet have I aptly closed in the upper Note of the lowest third of the Key, the

Key

Key being in *F.* and the upper Note of the third standing in *A.* as you may perceive in this Ayre.

The musical score is written in F major (one flat) and consists of six systems of two staves each (treble and bass). The first system is marked with a '1' above the treble staff. The second system is marked with a '2' above the treble staff. The third system is marked with a '3' above the treble staff. The fourth system is marked with a '4' below the bass staff. The score ends with a double bar line and repeat signs.

In this Ayre the first close is in the upper Note of the fifth, which from *F.* is *C.* the second close is in the upper Note of the great third, which from *F.* is *A.*

But the last and final close is in the Key itself, which is *F.* as it must ever be, wheresoever your Key shall stand, either in *G.* or *C.* or *F.* or elsewhere, the same rule of the fifth is perpetual, being divided into thirds, which
can

can be but two ways, that is, either when the upper third is less by half a Note than the lower, or when the lower third contains the half Note which is *Mi Fa*, or *La Fa*.

If the lower third contains the half Note, it hath it either above as *La Mi Fa : La Me*, being the whole Note, and *Mi Fa* but half so much, that is the half Note ; or else when the half Note is underneath, as *Mi Fa Sol : Mi Fa*, is the half Note, and *Fa Sol* is the whole Note ; but whether the half Note be uppermost or lowermost, if the lowest third of the fifth be the lesser third, that Key yields familiarly three closes ; example of the half Note, standing in the upper place was shewed before, now I will set down the other.



But for the other Keys that divide the fifth, so that it hath the less third above, and the greater underneath, they can challenge but two proper closes, one in the lowest Note of the fifth, which is the fundamental Key, and the other in the uppermost Note of the same, wherein also you may close at pleasure.

sure. True it is, that the Key next above hath a great affinity with the right Key, and may therefore, as I said before, be used; as also the fourth Key above the final Key.

Examples of both in two beginnings of Songs.



In the first example *A*. is mixt with *G*. and in the second *C*. is joyned with *G*. as you may understand by the second closes of both.

To make the Key known is most necessary in the beginning of a Song, and it is best express'd by the often using of his proper fifth, and fourth, and thirds, rising or falling.

There is a Tune ordinarily used, or rather abused, in our Churches, which is begun in one Key and ended in another, quite contrary to Nature; which error crept in first through

through the ignorance of some Parish-clerks, who better understood how to use the Keys of their Church-doors, then the Keys of Musick; at which I do not much marvel, but that the same should pass in the Book of Psalms set forth in four parts, and authorized by so many Musicians, makes me much amazed: This is the Tune.



If one should request me to make a *Bass* to the first half of this Ayre, I am perswaded that I ought to make it in this manner:



Now if this be the right *Bass* (as without doubt it is) what a strange unaireable change must the Key then make from *F.* with the first third sharp to *G.* with *B.* flat.

But they have found a shift for it, and begin the Tune upon the upper Note of the fifth, making the third to it flat; which is as absurd as the other: For first they erre in rising from a flat third into the unison, or eight, which is condemned by the best Musicians; next,

the

the third to the fifth, is the third which makes the cadence of the Key, and therefore affects to be sharp by nature, as indeed the Author of the Ayre at the first intended it should be. I will therefore so set it down in four parts, according to the former Rule of Counterpoint.


This

This was the Authors meaning, and thus it is lawfull to begin a Song in the fifth, so that you maintain the Air of the Song, joyning to it the proper parts; but for such dissonant and extravagant errors as I have justly reprehended, I heartily wish they should be remedied, especially in divine Service, which is devoted to the great Author of all harmony. And briefly thus for the Tonet.



Third and last Part.

Of the taking of all Concords, perfect and imperfect.

 F all the latter Writers in Musick, whom I have known the best and most learned, is *Zethus Carolus* a German: who out of the choicest Authors, hath drawn into a perspicuous method, the right and elegant manner of taking all Concords, perfect and imperfect; to whom I would refer our Musicians, but that his Book is scarce any where extant, and besides it is written in Latin, which language few or none of them understand; I am therefore content for their sakes to become a Translator; yet so, that somewhat I will add, and somewhat I will alter.

The consecution of perfect Concords among themselves is easie; for who knows not two eights or two fifts, are not to be taken rising or falling together, but a fifth may either way pass into an eighth, or an eight into a fifth, yet most conveniently when the one of them moves by degrees, and the other by leaps; for when both skip together,

the passage is lesse pleasant : the ways by degrees are these.



The fourth way is onely excepted against, where the fifth riseth into the eighth, and in few parts it cannot well be admitted, but in Songs of many voices it is oftentimes necessary.

The passage also of perfect Concords into imperfect, either rising or falling, by degrees or leaps, is easie, and so an unison may pass into a lesser third, or a greater third; also into the lesser sixth, but seldome into the greater sixth. A fifth passeth into the greater sixth, and into the lesser sixth; as also into the greater or lesser third; and so you must judge of their eights, for *de octavis idem est iudicium*: and therefore when you read an unison, or a fifth, or a third, or a sixth, know that by the simple Concords the Compounds are also meant.

Note here that it is not good to fall with the *Bass*, being sharp in *F.* from an eighth unto a sixth.

As thus: But concerning imperfect Cords, because they observe not all one way in their passages, we will speak of them severally, first declaring what *not harmonical* doth signifie, whereof mention will be made hereafter.

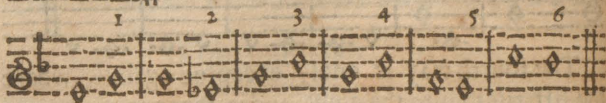


Or

Or thus.



Relation or reference, or respect no harmonical is *Mi* against *Fa* in a cross form, and it is in four Notes, when the one being considered cross with the other, doth produce in the Musick a strange discord; Example will yield it more plain.



The first Note of the upper parts in *E la mi* sharp, which being considered, or referred to the second Note of the lower part, which is *E la mi*, made flat by the cromatick flat sign, begets a false second, which is a harsh discord; and though these Notes sound not both together, yet in few parts they leave an offence in the ear. The second example is the same descending, the third is from *E la mi* sharp in the first Note of the lower part, to the second Note in the upper part, it being flat by reason of the flat sign, and so between them they mix in the Musick a false fifth; the same doth the fourth example, but the fifth example yields a false fourth, and the sixth a false fifth.

There are two kinds of imperfect Concords, thirds, or sixes, and the sixes wholly participate of the nature of the thirds; for to the lesser third, which consists but of a whole Note and half, add

a fourth, and you have the lesser sixt; in like manner to the greater third that consists of two whole Notes, add a fourth, and it makes up the greater sixt; so that all the difference is still in the half Note, according to that onely saying, *Mi and Fa sunt tota Musica.* Of these four we will now discourse, proceeding in order from the lesse to the greater.

Of the lesser or imperfect third.

The lesser third passeth into an unison, first by degrees, when both parts meet, then by leaps ascending or descending when one of the parts stand still, but when both the parts leap or fall together, the passage is not allowed.



The lesser 3. into the unison. The passages not allowed.



Secondly, the lesser third passeth into a fift, first in degrees, when they are separated by contrary motions; then by leaps, when the lower part riseth by degrees, and the upper part descends by degrees; and thus the lesser tenth may pass into a fift. Lastly, both parts leaping, the lesser third may pass into a fift, so that the upper part doth descend by leap the distance of a lesser third. Any other way the passage of a lesser third into a fift, is disallowed.

Allowed Disallowed.

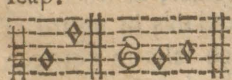
In the last disallowance, which is when the upper part stands, and the lower part falls from a lesser third to a fifth, many have been deceived, their ears not finding the absurdity of it, but as this way is immusical, so is the fall of the greater third in the former manner, into a fifth, passing harmonious; insomuch that it is elegantly, and with much grace taken in one part of a short Ayre four times, whereas had the fifth been half so often taken with the lesser third falling, it would have yielded a most unpleasant harmony.

I

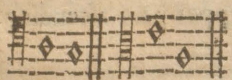
3 4

He that will be diligent to know, and careful to observe the true allowances, may be bold in his composition, and shall prove quickly ready in his sight, doing that safely and resolutely which others attempt timorously and uncertainly. But now let us proceed in the passages of the lesser third.

Thirdly, the lesser third passeth into an eight, the lower part descending by degrees, and the upper part by leaps: but very seldome when the upper part riseth by degrees, and the lower part falls by a leap.



Fourthly, the lesser third passeth into other Concords, as when it is continued, as in degrees it may be, but not in leaps.



Also it may pass into the greater third, both by degrees and leaps, as also into the lesser sixt, if one of the parts stand still, into the great sixt it sometimes passeth, but very rarely.



Lastly, add unto the rest this passage of the lesser third into the lesser sixt, as when the lower part riseth by degrees, and the upper part by leaps.



Of the greater or perfect Third.

The greater or perfect third being to pass into perfect Concords, first takes the union, when the parts ascend together, the higher by degree, the lower by leap; or when they meet together in a contrary motion, or when one of the parts stand still. Secondly, it passeth into a fifth when one of the parts rests, as hath been declared before: or else when the parts ascend or descend together, one by degrees, the other by leaps; and so the greater tenth may pass into a fifth; seldom when both parts leap together, or when they separate themselves by degrees; and this in regard of the relation not harmonical which falls in between the parts. Thirdly, the greater third passeth into the eighth by contrary motions, the upper part ascending by degree.

The diagram consists of two musical staves, each with a treble clef and a key signature of one flat (B-flat). The top staff illustrates the resolution of a greater perfect third into three different concords: 'The union', 'The fifth', and 'The eighth'. The bottom staff illustrates the resolution of a greater perfect third into three other concords: 'The fifth', 'The sixth', and 'The eighth'.

The greater third may also pass into other Concords, & first into a lesser third, when the parts ascend or descend by degrees, or by the lesser leaps. Secondly, it is continued, but rarely, because it falls into relation not harmonical, thereby making the harmony less pleasing. Thirdly, into a lesser sixth, when the parts part asunder, the one by degree, the other by leap. Fourthly, into a great sixth, one of the parts standing, or else the upper part falling by degree, and the lower by leap.

Of



Of the lesser sixt.

The lesser sixt regularly goes into the fifth, one of the parts holding his place: Rarely into an eight, and first when the parts ascend or descend together, and one of them proceeds by the half Note, the other by leap.



Howsoever the ways of rising and falling from the lesser sixt into the eight in the former example may pass, I am sure that if the Bass be sharp in *F* *fa*nt, it is not tollerable to rise from a sixt to an eight.



Lastly, the lesser sixt may pass into an 8 in Crotchets, for they are easily tollerated.



It passeth likewise into other Concords, as into a greater sixt, the parts rising or falling by degrees, as also in a greater or lesser third, the one part proceeding by degree, the other by leap; or when one of the parts stands. It self it cannot follow, by reason of the falling in of the Relation *not harmonical*.

Of

*Of the greater Sixt.*

The greater sixt in proceeding affects the eight, but it will hardly pass into the fifth, unless it be in bindingwise, or when way is prepared for a close.



Finally, the greater sixt may in degrees be continued, or pass into a lesser sixt, as also into a greater third, or a lesser third.



These

These are the principal observations belonging to the passages of *Concords*, *Perfect* and *Imperfect*, in few parts; and yet in those few, for fuge and formality sake, some dispensation may be granted. But in many parts necessity inforcing, if any thing be committed contrary to rule, it may the more easily be excused, because the multitude of parts will drown any small inconvenience.

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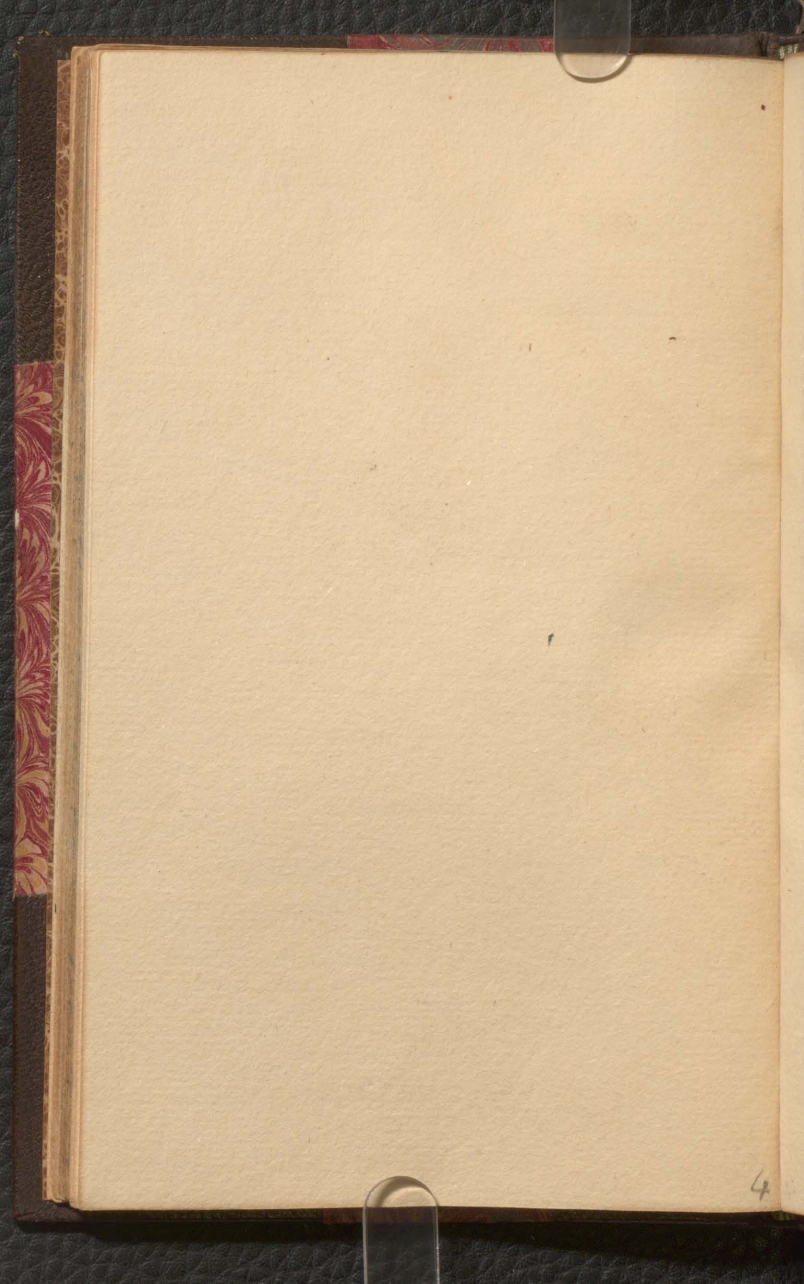
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