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Whereby either vocal or instrumental Derformers unacquainted with Composition, may from the mere knowledge of the most common intervals in Music, learn how to introduce

Extempore Embellifbments or Variations;

## ORNAMENTAL CADENCES,

with Propriety Jaste and regularity.

Translated from a famous Treatise on MUSIC, written

John Joachim Quantz, Composer to his Majesty the King of Prufsia.

LONDON Printed by WELCKER in Gerrard Street St. Ann's Soho Where may be had, Practical Rules for learning Composition by John Joseph Feux 10-6. The Art of learning the Harpsichord by Heck 10-6. A Treatise on Singing by D. Nares 3-6. &c. &c.

## EXTEMPORE EMBELLISHMENTS

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Variations on simple Intervals

The Graces and Embellishments to be treated of in this Place, are the Productions of a momenta-ry Invention or Fancy of the Performer, and in this Respect are different from those common Graces that are diffinguished by particular Marks, such as Shakes and Beats &c.

Few, and perhaps no one that professes Music, content themselves with those common Graces, but the greatest part discover an Affectation for Embellishments of their own Invention, which, however commendable in itself, yet if introduced by Persons entirely ignorant of the Principles of Harmony, are seldom proper, but rather apt to destroy the Intention and original Beauties of the Composition, than to improve it; such Personners would always do better to play the Notes simply as they are written, and to prefer the Invention of the Composer to their own.

It is unquestionable, that for want of proper Instructions the Progress in this Art has been greatly retarded; to remedy which in some Measure, I shall impart some usefull Instructions to those that are desicient in this Point, and show in how many different Ways most common Intervals may be varied without Prejudice to the sundamental Harmony; for which Purpose I have collected together most Intervals with their proper Basses signs'd, to show what Chords belong thereto.

The Intervals above the Bafs are the Examples for Variation, each being number'd according as they refer to their respective Variations in the subsequent Pages, produc'd by means of the different Harmonies contain'd in the Bafs, which the Learner afterwards may easily transpose into any other Key.

To those Examples in the Table, as are inclosed, the same Variations may be applied, as having one and the same Bass for their Fundamentals, except where the Bass has a Sharp, in which Case the uppermost Part must have the same.



To avoid Prolixity I shall give Examples only in the Major Mood, it being an easymatter to transpose them into a Minor, only it will be requisite in that Case to be perfectly acquainted with the Nature of the different Moods in respect to their Sharps and Flats, lest contrary to the Rules of Modulation one might mistake a whole for a half Tone, or a major Third and Sixth for a minor Third and Sixth and vice versa.

Such miftakes are eafily made, and particularly in fuch Cafes as in the 13. and 14. Example.

However I do by no means pretend by this small number of Examples, to have exhausted all Variations that possibly might be made on those Intervals, but offer them rather by way of a Specimen for the Instruction and Encouragement of the young Beginner; those that are advanced to far as to be able to introduce them properly according to the Rules laid down in this Treatise, will not find it difficult to invent more of the kind.

It is a principal Rule with regard to Variations, that they must have a just reference to the plain Air, the Variation is made upon, thus; that the original Notes may be heard at proper Intervals of Time, as for Instance: in varying Notes equal to the Value of a Crotchet, the first Note of the Variation must for the most Part be the same with the original or plain Note, and thus one proceeds with all other Notes of equal Proportion; or any other Note may be chosen instead of it from the Harmony of the Bass, provided the Principal or plain Note be heard immediately after it, all which will be sufficiently explain'd in the Examples.

Brisk and lively Variations must not be introduced in an Air that is soft, tender and mourn-ful, unless the Performer knows how to render them more suitable and agreable in the manner of executing them.

Variations are only to be introduced after the fimple Air has been heard first, otherwise it will be impossible for the Hearer to distinguish the latter from the former; nor does an Air,compossible in a pleasing and graceful Stile, require any such additions, unless one was sure to improve still more upon it, they being used for no other end, than to render an Air in the Cantabile Stile more melodious, and Divisions in general more brilliant.

Those that confist in a continual feries of swift Notes or quick Passages, though ever so much admired by some, in general are not so pleasing as those of the more simple kind, the latter being more capable of touching the Heart, a Point, that certainly is most to be aim'd at, and indeed at the same time the most difficult Part in Music; for which reason a young Beginner is advised to be cantious and moderate in the use of Embellishments and Graces, and rather to endeavour to perform a simple Air with correctness, in an easy, noble and distinct Manner, for if he indulges his Taste too early in a superfluity of Graces, before it is form'd to some degree of Perfection, it will in time grow vitiated to such a Degree, that he can no more relish a plain simple Melody, than the Palate a simple and wholesome Diet, if once accustomed to high season'd Dishes, and most certainly if the Performer is not affected by a noble simple Air, the Hearer will be much less so.

Though the Examples themfelves might ferve for a fufficient Explanation, by thewing the many-fold Variations on the fame Intervals, yet for the further Illustration and Satisfaction of the Stu-dious, I thall be particular in explaining every Example.

I now proceed to the first Example as specified in the foregoing Table, together with its different Variations.

The Chords immediately following each Example, reprefent the Harmony above and below it.

The Intervals that are diffinguished in the middle by a Stroke upwards, form the fimple Air, or Example to be varied; the Notes above it are counted upwards, & those below it downwards from the Example, and the Letters shew the different Variations to one and the sample.

Those that are entirely Ignorant in regard to the Rules of Harmony and Thorough Bass, and vary only by the Ear, for whose take chiefly this Treatise is calculated, it will be proper to learn to know the Intervals at least, by Sight, according to the manner as in Ex. 28. Yet I would rather refer them to some good Thorough Bass Book, where they may be more fully instructed in that Article.



### Explanation to the foregoing Example

When the Bass either continues on the same Degree, or gradually descends as in the first Ex. of the Table, the Unison admits of no other Variations but such as are form'd entirely upon its Chord, as may be seen in those above, but when the Bass consists of melodious Notes, that ascendor descende either Gradually or by Skips, by Quavers or Semiquavers, then no other Variations are proper but those as at A, H, S, T, U, to avoid Dissonancy.





Explanation. The first of those 3 Notes, that passes from the Fundamental by a Second upwards into the Third, has a Third and Fifth above it, and a Fourth and Sixth below it (as may be seen by the Chords next following) the latter being only a Repetition of the Fifth and Third; and as the Chord consists of a Third, Fifth and Eight, the Repetition is made by an Eight either above or below it, which is to be remember'd once for all.

The fecond Note D. has a Third and Fifth (the latter being properly the fundamental Note) below it, and a Fourth and Sixth above it.

The third Note E. being a third to the Fundamental, requires a third and Sixth above and below it.

In this manner Variations are made, that at N. is a Variation taken from the Intervals above, and that at Z. from those below it.



Explan: The first Note is a Fifth to the Bass or Fundamental, descending gradually into the Third, & has a Third and Fifth below it, and a Fourth and Sixth above it.

The fecond Note C. has a Third, an imperfect Fifth and Seventh (the latter being the fame Note as the Fundamental) below it, and an extream Sharp Fourth and Sixth above it.

The third Note B. being a Third to the Bafs, has a Third and Sixth above and below it.

That at V. is a Variation on the Intervals above, and that at W. on those below the Chord.



Explanation. Though this Example may appear to be fimilar to the fecond Example above, yet it proceeds by Intervals quite different from the other, for the latter begun with an Eighth, with a Fourth below it, (fee the Variation at E. in that Example) whereas in this, every Note requires a 3<sup>d</sup> above and below it, (fee A.B.) for which Reafon every Note must have a different Variation.

The fourth Note A. in the Example above, has a Third above it, and a Third, Fifth and Sixth below it, because the Interval A. B. counted backwards forms a Seventh, of which I shall say more hereafter.





Explanation. The first Note A. though a third to the Bass Note F. is rather to be confiderd as a Sixth to the principal Note C. became the Modulation properly is in C. for if it was in F. the intermediate Note between A and C. must have been B flat instead of B natural, See C.

At L. the Chords belonging to each Crotchet appear in four Semiquavers.



Though these three Notes seem to proceed in the same manner as those in the fourth Example, yet there is a material difference in respect to Modulation; for here the principal Key, which is G. changes to that of G. by means of F. Sharp, being an extream Sharp fourth to the fundamental Note C. whereas in the fourth Example the Modulation continues in the principal Key.

As the Bass continues on the same Degree, whilst the upper Part ascends by the third to the fourth, the Sixth or Second may be taken instead of the Fourth, above or below it, they being part of the harmony the Bass requires, See at H. and LL. but the first Bass-Note may be accompanied either by its own Chord, i.e. the third and fifth, or that of the fifth and fixth, without prejudice to the Varia-

-tions, in which Cafe the first Note E. will require a third, fifth and fixth below it, and a third, fourth and fixth above it; the second Note F. Sharp, a third and fixth below and above it, and the third Note G. a fourth and fixth below it, and a third and fifth above it, the two Notes G and A. in the Chord of the first Note, form that Chord known in Thorough Bass by the signature of 5. the sifth whereof is treat-ed like a Discord, and in consequence of the nature of Discords must resolve, by descending to the next Note, as may be seen at Q.

As the extream fharp Fourth (reckon'd from the Bass) is generally accompanied by a fecond and fixth, such Variations as on the Note F. sharp, may be introduced on all similar Occasions; observing only that they must be regulated in proportion to the Value of the Bass Note, and according to that be play'd either faster or slower, or where it is practicable, the Notes also may be repeated, for which purpose those, as at C. F. G. L. T. U.V. seem to be proper.

The Chord of the 2.4 and 6 may readily be known, by taking notice only, that those Intervals are either in the two fucceffive Spaces, or on three fucceffive Lines, or at the equal Diftance of two Thirds; for that Note above, which is on the Line, will, when it is to be an Octave lower, be in a Space, as appears from the Notes placed under one another.

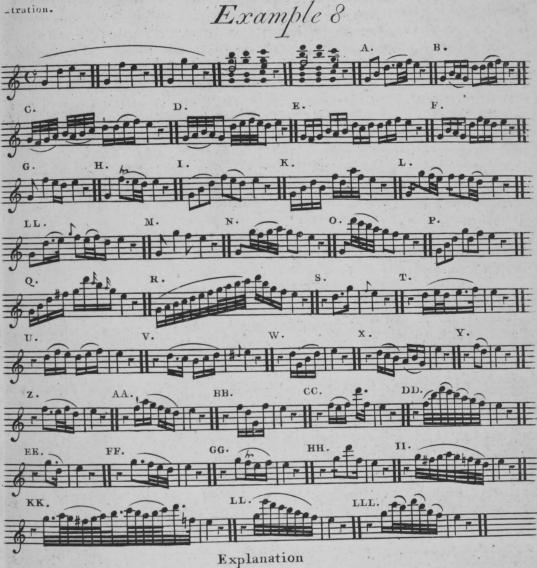
There Intervals, exclusive of the Bass, form a perfect Chord, but inclusive of the Bass, a Discord; as the Bass stands one Note below the Chord, and afterwards resolves by descending one Note, whilst the upper Parts ascend.



Explanation. By varying the first Note we must break its Harmony, as at C. and E.

If the first Note E. was a longer Note, for Instance a Minum instead of a Crotchet, then in that Case the Notes of the Variation may either be play'd so much flower in proportion, or repeated; as to the

latter Cafe I refer to the Variations at A. B. C. E. F. G. H. I. K. L. LL. M. N.O. for further Illuf-



Though the three Examples included in a Bow, begin with as many different Intervals, Viz.a fifth, feventh and eighth, yet all have but one Bafs or Fundamental, and confequently one and the fame Harmony, as plainly appears from the Chords next to it, except that with a feventh, which at the close of the Variations is to be introduced inftead of the Eighth; those excepted, any of the Variations above may properly be applied to one as well as to the other Interval, however for regularity fake I have subjoined fix Variations to each Example, those at A. B. C. D. E. F. will be proper for the first Example, beginning by a fifth, those at G. H. I. K. L. L. L. for the Example with the feventh, and those at M. N. O. P. O. R. for that with the Eighth.

If inftead of the fift Crotchet G. there fhould be a Reft or Paufe in any of those Examples, the fecond Crotchet at D. F. and G. will nevertheless have the same Harmony, by leaving out those Variations which otherwise would have belong to the First, and chusing those only that belong to the second Crotchet, according as they refer to their respective Intervals, See those at S. T. U. V. W. X. as proper Variations for the first Example, those at Y. Z. AA. BB. CC. DD. for the second, and those at EE. FF. GG. HH. II. KK. for the third Example.



The two first Notes have one and the same Harmony as the Bass remains on the same Degree. In respect to its Variations they are equally of the same Nature as the seventh Example.



Explan: The two first Notes are in the Key of F. both having also the same Bass, and as the first Note C. is a fifth to the Bass, it requires a third and fifth below it, and a fourth and fixth above it.





The Notes in this Example proceed by Intervals different from those in the preceeding.

The first Interval is a rising fifth and the second a falling third, the first being taken from the sundamental Harmony, the second Note G. cannot have the same Bass with the first, but in the regular way must be a fixth, and the succeeding Note E. a third to the Bass; these two last Notes are of the same nature as the two last in Ex. 8. and consequently admit of the same Variations.



Of these two Notes that form a falling fixth, the first is a fifth, and the second a third to the Bass. If the first Note of such an Interval happens to be in a space, then the principal Notes which are to fill up those Intervals, must equally be in spaces, See B. and in the same manner if the former happens to be on the Line, the latter must be on Lines also.

These intermediate Notes constitute the Harmony, and in this respect are called principal or essential in opposition to those which are called passing.

The Examples at I. and N. shew the manner of filling up this Interval by threes.



Explan: Thefe two Notes A.&B. being a defcending feventh are thirds to their Fundamentals, the former of which most commonly is accompanied by a fixth and fifth, as may be feen in the Table above.

Here it will be neceffary to remark, that it is common in that Cafe to find the Bafs Note mark'd with a Sharp, in which Cafe the upper Part neceffarily requires the fame, as it would be a great Dif-cord to join a natural with a fharp Note of the fame name. See the Examples at M. and N. with Fina-tural and F. sharp.

If the Notes of this Interval fhould happen to be in a Space, its intermediate effential Notes that conftitute the Chord, must equally be in Spaces, and if otherwise, on Lines. See A. and C.

To fill up this Interval fix Notes gradually defcending are required. See K.

It also may be fill'd up by two threes as at LL. or by Skips of thirds as at I.



This Example with respect to the Interval is the same as the preceeding Example, and differs from that only, by being in a minor Mood, whereas the other was in a Major.

As the two Intervals in both Cafes have one and the fame Bafs, the fame Variations will ferve for both, but if the first Note in the Bafs should be raif'd half a Note as at T. whereby the major Sixth will be changed to a Minor, then we must raise not only the 8. but also the minor 3. in the upper Part half a Note higher. See U.

By a proper Attention to this and the preceeding Example, as well as to the following Observation, this Interval, frequently used in Composition, may more perfectly be known:

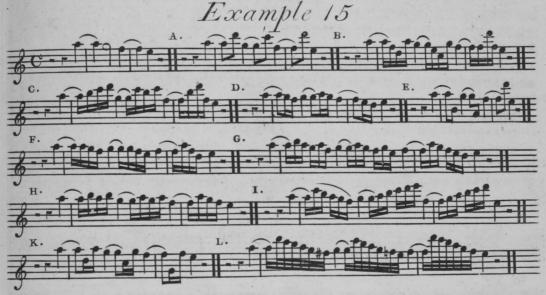
If two fuch Notes falling a third, as in the Example above, happen to be on Lines, the principal Notes of the Variations must be on Lines, or if in Spaces, the principal Notes must be in Spaces.

The first Bass Note regularly requires a fixth for its Harmony, if the latter should be a Major, and the Bass ascend by a whole Tone, then the upper Part has a minor third and fifth above it.

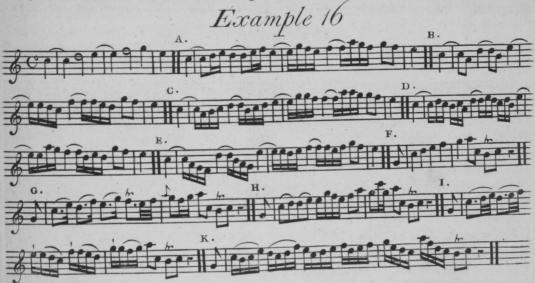
But if the fixth is Minor, and the Bass by means of a Sharp, should ascend half a Tone, then the faid minor Fifth must be made perfect by raising it half a Note. See U.

All which different kinds are peculiar to the minor Key only, But in the Major the Embellish -

ment of the Note in the upper Part always requires a major third and a perfect fifth.



Explan: In Syncopations, when in the upper Part the feventh refolves either into a fixth or third, which in this respect is the same thing, the first Progression after the tied Note may be made by a skip upwards to the fourth which will be a third to the Bass, and may be repeated after the next tied Note, but after the third tie a fixth must follow instead of the fourth, See A. also a seventh or fisth below may be taken instead of the fourth, See E.K. for the oftener such Intervals taken either above or below it, are thus inter-changed, the more pleasing it will be to the Ear. The Intervals of those Embellishments may also be filled up by its intermediate Notes; as to the remaining Variations, they may be introduced at Pleasure.



This Paffage, being a fequence of the Intervals of a 5th and 6th without any variety would at last become tedious to the Ear, and in order to avoid that fameness, such Variations as those from A to E, may be introduced: the Examples at the same time will shew, that in the Repetition of one and the same Paffage the Variations ought to be different; which is to be observed as a general Rule.

For Inftance, if one was to make Variations on an Example as at F, the fame kind of Variation must not be carried on thro' the whole, but a new one must be chosen to observe variety in Melody, as may be seen at G. H. I. K.

The fame is to be observed on such Occasions, when the Thema or Subject is continued by Transpofition, where, notwithstanding the appearance of Regularity in the sameness of Repetition, which only
may please the Eye, Variety will be deemed by far the most pleasing to the Ear, which indeed is the
chief Object in Music: for the Ear is far more delighted with being agreebly surprized or deceived,
than from what it may naturally expect from the regular and common Course.



Several Semiquavers gradually afcending in flow time as in the Example above at A. and C. may have occasionally a little Note added after the first and third Note, as thereby the Melody is render'd more pleasing: the manner of performing which is explain'd at B. and D. but those at E. and F. are the Variations on the same Example.

The fame is to be underftood in regard to descending Notes as at G. and I. in the same Example, which are executed in the manner as at H. and K. and those at L.LL. M. are Variations on the same Example.



In thips of thirds whether defcending as at A. or afcending as at I. every Note may have a little one (Apogiatura) added to it. fee B. and K. those from C. to H. are Variations on the descending, & those from L. to P. are Variations on the ascending Thirds.

Notes like those, whether they be of more or less Value, provided it is in a Cantabile Stile, may always be varied in such like manner.

I only speak here of such Intervals as are most used in that Stile, a sequence of such Notes without any further addition must at last tire the Ear.

The two Notes at Q, being exactly the fame as the two last Semiquavers in the Example at A, may, (so far only as it regards those two last Notes) be varied in the same manner as those from A, to H, and those two Notes at R, like those from I, to P.



Threes in flow time gradually afcending or descending, where either the third Note of the preceeding, and the first of the succeeding three happen to be on the same Line or Space, or where the first Note of the succeeding three is one Degree higher than the preceeding, may have an Apogiatura on its first Note. see A. But where there is a succession of descending threes, then every first Note may have a Mezzo Trillo, or short Shake, and the two following Notes must be slur'd. See B.

Threes likewife may be varied by changing them to quicker Notes, as for Instance in the Example at C. where the Quavers have been changed into Semiquavers, see D. and thus one may proceed in different kinds of threes, according to the different Nature of Intervals.

In Notes that do not defcend altogether gradually, but when two of them remain on the fame Degree, and the first whereof is unaccented, every accented Note may be play'd with an Apogiatura, see E.&G. or with a short Shake, If with the latter the two following Notes must be flur'd, see F. and H.

But when all Notes defcend gradually, then every Note accented or unaccented may be grac'd by an Apogiatura, fee I. but if we apply a Shake, it must be on the accented Note, fee K.



If in flow Time a Piece begins with a rifing fourth on the unaccented part of the Meafure, while the Bafs refts, fuch Variations may be used as at A.B.C.D.E. and if in a Minor Mood, one may pass upwards to the fourth by a Chromatic Progression, as at F. and G.

In fach kind of Notes as in the two last Examples, a little Note may be added to it as at H. and I.

Of the double Note at the End of those Examples, either the upper or lowermost may be considered as the finishing Note.



In fuch Places where the Melody breaks off by a Reft, which in Composition is called a Stop, and may be fignified either by a fingle Note as at A, or by two, as at B, being a descending third which may be either Major or Minor.

That which confifts of a fingle Note only as at A, must be fides an Apogiatura have a Shake, which in like manner is to be understood with regard to the Example at B, observing only in that Case, that the Shake must rather be, what is called a Common, and not a turn Shake.

It will be necessary on all fimilar occasions to fill up those skips of a third by its intermediate Note, as in flow Time they are deem'd rather unmelodious.

If fuch a Reft is mark'd with a Bow, fignifying a general Paufe, (Ital. Fermata) to be held out ad Libitum, being used both in the Allegro and Adagio, then the Shake may be continued some—what longer according to the discretion of the Performer, and finish'd without the usual turn at the End of it, the succeeding Note not admitting of the same. See C.

The expression of such Notes ought to be rather soft and passive than brilliant, and therefore are to be perform'd much in the same manner as it is explain'd at D, where it is to be observed that the last two Notes must end with a Piano, growing softer and softer by Degrees.

As for the remaining Examples at E, F, G, and H, that for the most Part require only Apogiatura's or Shakes, they may, if it be in flow Time, also be varied in the Tame manner as will be shewn in the 22<sup>d</sup>. 23<sup>d</sup> and 24<sup>th</sup> Examples.



This Example being the fame as that at E, in Example 21. the Variations as above will equally ferve for both, allowing only for a proper Proportion in the Value of Notes.

To those Notes at F, in the same Example that fall a 2d only, all the Variations above, except those at A, B, F, and O, may equally be applied, by changing only the simple Note C, to D, and with a little

Alteration those also at F, and O, may be used by changing the Note D, to F, as above.



These Variations are equally applicable to such Notes as at G, in Example 21. as the Bass for the most part continues in the Harmony of the first Note F.



The Variations on this falling 5th are likewife applicable to those Notes at H, Example 21.

By introducing those three last Examples successively in one melody, such Variations may be chosen from the Examples as are of the same kind.

As to the fecond Note C, in those Intervals, it may be embellished whenever it is required, by repeating only the intermediate Notes of those Intervals; For Instance, the Crotchet C, at E, in Example 22. and Ex. 23. and at D, in Ex. 24. may be varied thus.



In this manner all these Variations may properly be applied, by chusing such only as seem to be the most suitable for our purpose, and the varied Melody thereby will be more properly connected.



Pointed Semiquavers in flow Time, efpecially if Concords, as 3ds 5ths 6ths and 8ths found rather too languid without they are intermixed with Difcords, as a 2d 4th 7th or 9th from which chiefly the Apo-giatura takes its rife, which fometimes end by mezzo Trillos or Beats.

This Example flews how fuch Notes, tho otherwise more peculiar to the elevated, sublime and he-roic Stile, than to the tender, pathetic or Cantabile, are to be performed in a more pleasing manner.

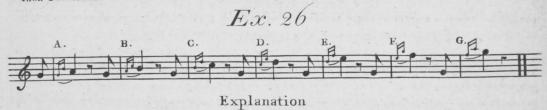
The short Note after the Point is always to be played very quick.

An Apogiatura prefix'd to a pointed Note, must be play'd exactly to the time of the larger orprincipal Note, and the latter to the time of the Point, and be play'd foster than the former, See A.

Of the 3 little Notes at B, being the fame as a Beat, the first or pointed is to be held out the time of the next larger Note, and the other two together with the larger Note to the time of the Point.

The 4 little Notes at C, being a Grace called a Turn, are to be play'd exactly to the time of the Point. The fame is to be underftood in regard to the Examples from D, to LL, except those at E, and F, where mezzo Trillos are introduc'd.

In the Examples at M, and N, a Turn has been applied before the Cadence, being very proper on fuch Occasions.



Those Graces as in the Example above, confisting of two Notes taken in the distance of a 3d not improperly term'd double Apogiatura's, are commonly used by Singers, in order to enable them to hit the larger Intervals more easily, and may be introduced on all rising Intervals, and on any long Note, whether accented or unaccented, in Case no other Ornament is intended to be applied.

They are to be play'd quick, and fofter than the principal Note.

If applied on Difcords, for Inftauce a 2d 4th or 7th it will be more pleafing to the Ear, than on any other Interval, See A.C.F.

This Grace, tho' in general very pleafing, must notwith standing be used sparingly, for the same Reason which has been mention'd before in this Treatise with respect to Repetitions being used too frequently, which always must tire the Ear.





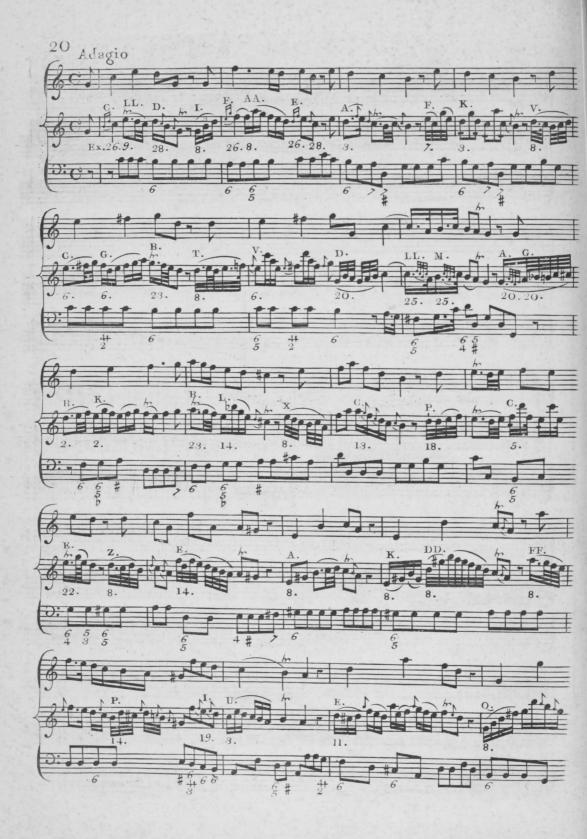
In long Notes proceeding by Skips, where no other Variations are intended to be made, its Intervals may be filld up by all fuch intermediate principal and paffing Notes as are contain'd within that Space; See A, where the paffing Notes are figuified by little Quavers and Semiquavers, and the Principal, as parts of the Chord, by Crotchets; the former belong to the preceeding Note.

The Examples from B, to G, thew in what manner those at A, are perform'd; observe also, that the intermediate Notes of a 3d and 4th are not principal, but only paffing Notes.



This is an Example on defcending Intervals, in which Cafe the paffing Notes most properly re--fer to the faceeeding Note, but those within the Interval of the 4th rifing or falling, always belong to the preceeding; all fuch little Notes that are used only by way of filling up the Vacancies as in the Example above, where there is not fufficient time left to dwell on any particular Note, nor any room for a Shake, are allways play'd quick, and in this respect are an exception to the common Rule concerning those Apogiatura's that are half as long as their principal Note.

All those Instructions concerning Variations are chiefly calculated for the Adagio, the most proper and convenient Stile for that purpose, where in general most room is left for Embellishments; yet there are many among the Examples above, which with equal Propriety may also be introduced in the Allegro, the proper Choice however is entirely left to the Difcretion of the Performer. But in order to shew in what manner some of the Variations above may properly be applied in an Adagio, I shall subjoin one entirely composed for the Occasion, as a Specimen, where it is to be noticed, that the Figures and Letters mark'd above and below the Stave, denote from whence the fe--veral Variations were taken, the Figures refer to the Examples, and the Letters to the particular Variations, the uppermost Stave contains the fimple Air without Ornament, and the middlemost ex--hibits the fame Air with all its Embellishments according to the Rules laid down in this Treatise.







# of CADENCES

The Cadences to be treated of in this Place are properly those Embellishments commonly introduced at the End of a Solo Part or Air on the last Note but one, mostly on the Fifth of the Key, and are the Productions of the momentary Invention of the Performer.

It is perhaps not much above a Century ago, when those Cadences were first introduced amongst the Italians (\*) which afterwards were adopted by the Germans and others that copied after the Italian Taste, but the French alone forbore to follow their Example.

Some, with more probability fix the Date of their first rise to the time after Correllis 12 Solos for the Violin were first Publish'd, but the most certain Account, possible to be given concerning it, is, that some Years before the last Century, and the first ten Years of the present, it was custtomary to close a Solo Part by a short Passage and a Shake during a continued Motion of the Bass, but the Cadences in the manner they are performed now a Days, while the Bass rests, became in Vogue between the Year 1710 and 1716, or thereabouts; but the so call'd Fermatas, or General Pauses ad libitum are without doubt of a much older Date.

Whether the Cadences at first were form'd upon certain Rules, or whether they were the Productions of an extempore Invention of some ingenious Masters, I cannot ascertain, though I am rather inclin'd to believe them to be the latter, For

About Forty Years ago the Italian Composers very much inveighed against the frequent Abuses committed in their Operas by indifferent Singers in respect to Cadences, to prevent which, they thought it necessary to close their Airs by Passages in unifon with the Bass.

Those Embellishments, for want of proper Judgement, are often, not only ill put together, but also improperly chosen and ill placed, which happens if used in quick and merry Pieces, such as are composed in the Time of  $\frac{2}{4}$ ,  $\frac{3}{8}$ ,  $\frac{3}{8}$  and  $\frac{6}{8}$ , whereas they should be introduced only in the pathetic and flow, or in serious quick Pieces; or also, when in brisk and lively Pieces, such are chosen as are monrassel, and on the contrary in monrassel Pieces, such as are lively.

The principal Reafon for introducing flourish'd Cadences, should be, once more to surprize, and to leave behind a particular Impression in the Minds of the Hearers at the conclusion of the Piece, to answer which End one single Cadence in a Piece might be deem'd sufficient, and therefore the introducing of two Cadences in a first, and another in the second Part of an Air, which together with the Da Capo or repetition, would amount to five Cadences in one Air, must needs be a superfluity, not only tiresome to the Ear, especially if, as it often happens to be the Case, there should be too much sameness, but also would be the ready means of the sooner exhausting the store of Invention in a Singer or Performer, that naturally does not abound with it.

<sup>(\*)</sup> The Author publish'd this Treatife in the Year 1752.

Though it would be a difficult Tafk to fix certain Rules for forming them, they being rather the refult of unbounded Fancy, without any formal Melody or fundamental Part, where the Compafs in point of Modulation is but narrow, and which in general must appear as it were ex abrupto & fur\_prizing, yet there are fome useful Hints to be drawn from the Principles of Composition, the Ob\_fervance of which will ferve as a proper Guide.

In general it is requisite they should be expressive of the predominant Character of the Piece, and comprehend in a short Compass a Repetition or Imitation of the most pleasing Passages contain'd therein, the application of which Hint will at all times be a proper means not only for supplying the want of ready Invention, but also for preserving an uniformity with the whole.

Cadences are either fingle or double; those of a fingle Part are more unbounded and arbitrary, and ought to be short, new and surprizing, in the same manner as a bon mot, for which reason the Performer should take care not to be too lavish in the use of them, especially if he should frequent-ly Perform before the same Auditory.

Their Compass, as was already mention'd, being naturally short, and for that reason the Invention of the Performer the sooner exhausted, it will in some measure be difficult to avoid a sameness, and therefore it will be necessary for the Performer to avoid running into a multiplicity of Fancy's or Passages.

To avoid offending the Ear, neither those Passages nor those simple Intervals the Cadences begin and end with, should be repeated by Transposition more than twice.

The two following Cadences, both being of the fame kind, will ferve for an Example.



In the first Example there appears to be only two different Passages, but as each is heard four times successively, it disgusts the Ear. But

In the fecond Example the fame Paffages are repeated but once, and fucceeded by new ones, which is more pleafing and confequently preferable to the former; for the more the Ear is furprized by new Inventions, the more it is pleafed.

Befides this fault there appears another in the first Example no less material, which is, that from beginning to end it is form'd on a regular and exact measure of Time, which is contrary to the Nature of extempore Gadences.

This Gadence in Example 2. though chiefly calculated for an Allegro, may also easily be adapted for an Adagio by reducing it only to its original or simple Intervals, which may be done by chusing only the first Note of every Figure or Passage in the manner following.

### Ex. 3



If Paffages or Divisions must not be repeated too often in Transposition, they must of Course be less so if in one and the same Key.

But in general Care must be taken, not to repeat the first Notes of a Cadence, they being capable of making a greater Impression in the Ear than others, too often, especially at the Conclusion, where it is usual to dwell for some time on the 6th or 4th of the Key, which in effect would appear equally as absurd, as if an Orator was to begin and end every Sentence with one and the same Word.

Though Cadences chiefly depend on Fancy, and are perform'd (according to the ufual Term) ad libitum, nevertheless the Intervals must duly resolve, especially in case we pass by Discords into other Keys, which Transposition may be effected by means of a Skip to the Minor or impersect Fish, or that of an extream Sharp Fourth. See

#### Ex. 4



With regard to Modulation, care must be taken not to remove to such Keys as are foreign and in no relation to the Principal.

A short Cadence admits of no change of Key .

In one that is fomewhat longer, the most natural Digression may be made from the Principal to the Fourth of the Key; but in one that is longer still, to that of the Fourth and Fifth.

In a Major Key we pass from the Principal to that of the Fourth by means of a Minor Se-venth, See the Example at A. and to that of the Fifth by an extream Sharp Fourth, See B. and then return to the Principal by a perfect Fourth, See C.



In a Minor Key we may pass from the Principal to that of the Fourth by means of a Major Third, See the next Example at A. but in the removal to the Fifth, as well as in the return to the Principal,

we proceed in the fame manner as we have done in the major Key. See B. and G.



The Major Key may be changed to a Minor of the fame Name, provided the latter be foon quitted again and Caution used, so as to return again to the Principal imperceptibly & with good Grace.

In Minor Keys one may afcend or defcend gradually by Semi-tones, observe however that not above three or four at a time must follow one another, as otherwise it would be displeasing to the Ear in the same manner as all such Passages are, where there is too much sameness.

Lively Cadences, such as may properly be used in an Allegro may be form'd by large skips, and all forts of brisk Passages with threes and Shakes intermix'd.



But Cadences in a flow and pathetic Stile, and fuch as are proper for an Adagio, may confift of gradual Notes afcending or descending, intermixt with Discords. as in



Regular Time is feldom to be observed in Cadences, for the Melody of the latter must be disferent in that respect from that of any other regular and connected Composition, and be void of
all appearance of a previous Contrivance; and therefore must appear rather as a mixture of detach'd Passages, such however as entirely correspond with the distinguishing Character of the
Piece.

Those for the Voice or Wind Instruments ought to be short and so managed that they may be performed in one Breath, but those for String Instruments are not limited, but the Personner has
as much Latitude given him, as his own Skill and fruitfulness of Invention will permit, but notwith standing will gain more Applanse from the Judicious by a moderate lentgth than otherwise.

Double Cadences are less capricious and more confind than the Single, being more sub-ject to the Rules of Composition, and therefore it is requisite for the Performer to be acquainted at least with the Rules for preparing and resolving Discords, as also those of Imitation, without a sufficient knowledge whereof, it will be impossible to invent proper Cadences of this kind.

The Singers, according to common Practife, generally study them beforehand and learn them by rote, fince it is very rare to meet two Singers together, that know my thing of Harmony and Composition.

With regard to their extent, they have a greater Compass than the single; for in the first Place, there is more Harmony in them, which prevents the Ear from being tired so soon, and 2dly there is more Room left for taking Breath.

Those who are but superficial in Harmony, generally are confind to Progressions by Thirds and Sixes only, not trusting to venture any farther; but Cadences of that fort, are not always sufficient to answer the defir'd Effect.

As I chiefly confine myfelf to Extempore Inventions in this Treatife, I fhall draw out fome Examples by way of a Specimen, and as a rough Sketch, to flew the regular Conftruction of Dou-ble Cadences, but what relates to the Embellishment thereof, is a matter entirely left to the dis-cretion and Taste of the Performer.

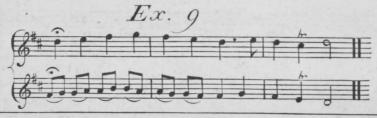
Befides those common Progressions of successive Thirds and Sixes, mention'd already, Double Cadences chiefly consist of Imitations, where one Part proposes and the other answers, in which Syncopations or Bindings bear a chief Part.

As to the latter one proceeds in various ways, as for Inftance, by binding a fecond prepard by a third, and refolving it into a third or fixth, See the Example at A. or in the reverfe, by binding a feventh prepard by a fixth, and refolving it into a fixth or third, See B. or by paffing from the 3d to the extream fharp fourth, See C. or in the reverfe, from a fixth to an Imperfect fifth, See D. or the refolution of the imperfect fifth into the third may be retarded in the upper Part, whereby it will be chang'd to a perfect fifth, that afterwards refolves into the third, See E. and the reverfe of that by paffing from the extream fharp fourth upwards to the perfect fifth, refolving into a fixth. See F.



All which if perfectly understood by the Parties, they may thus proceed from Discord to Discord without any previous Agreement between themselves, and in strict Conformity to the Rules of Composition.

In a Progression of Sixes, where no Discord is to intervene, a Note, whether rising or falling must be taken by way of Anticipation in either Part, which is to serve as a Guide to the other, as may be seen from the lowermost Part in the following Example, which directs the upper Part to rise in the first Bar, and to fall again in the second.



Note. Those Examples mark'd with an Afterisin were not in the original Treatise, but added only in this for take of a fuller Explanation.

In the next Example we find the movement of the lowermost Part of the foregoing, introduced in the uppermoft.

If in either of these Examples we should invert the Parts, i.e. change them, thus. that the upper-\_most becomes the lowermost & vice versa, a succession of Thirds will follow. See A.B.



The Progression of successive Seventh's resolving into Sixes, is of two kinds: rising or falling. In the former, the uppermost Part rifes into the Eighth, and the lowermost falls from the Sixth to the Seventh. See Ex. 11

In the latter, the lower Part binds, and the upper Part refolves. See Ex. 12

The lowermost may also both bind and resolve, as will appear from the second Bar at C.D. in the last Example.

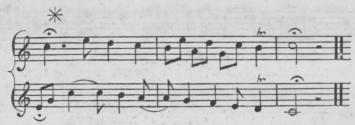


From the Invertion of the preceeding Example, a fucceffion of 2ds prepard by 3ds will follow. The lower Part, according to the Rules of Inversion passes upwards to the Unison.



By inverting the Parts in the last Example, a regular Progression of Seconds resolving into Thirds or Sixes will be produced.

The lower Part in this Cafe both prepares and refolves the Difcord .



The first proposing Part must not only point out the proper Opportunity for the second to introduce the Imitation, and allow sufficient time for the same, but also for Variety sake must frequently know, before the Answer is simished, to introduce a different Interval, such as may lead to another Syncopation different from the former, as will be shewn in the next Example, where you will find the first Syncopation to be that of the Minor 2d E.F. and the next following that of an extream flat seventh, G#.F. and whilst the second Part imitates the Passage of the first, the latter prepares by the Note B. for a Major Seventh, C.B. resolving into the Sixth, A. which prepares again for a Minor of the Fourth D.G. whereby the Bar is deceived in different ways.



Cadences likewife may be form'd in the manner of Canons, as will appear from Ex.14. where the Imitation follows in the fourth below it; In Ex.15. the Imitation begins with a 5th & 6th In Ex.16. by a fecond exceeding the upper Part refolving into a third; In Ex.17, the Imitation proceeds alternatively by an extream fharp 4th & imperfect 5th as also by a 5th and 6th In Ex.18. a fecond prepard by a third, and a feventh by a fixth, is introduced: the former refolves into a fixth, and the latter into a third; but such a Passage must not be introduced by Transposition above twice, for Reason of the Skip of the Fourth.







All the foregoing Examples contain most Passages that may be properly used by the Parties without the necessity of any previous Study or Contrivance, and it will chiefly depend on the first Part that begins, to regulate his Proposition in such a manner, that the other may be enabled not only to answer him duly and distinctly, but also particularly in a proper Compass in respect to Gravity & Acuteness.

For unless the Leader perfectly understands the requisite Rules of Harmony, the other that follows, let him be ever so skillfull can do nothing, and the only way lest for the latter to extricate himself in such a Case, is to follow the other as much as possible by thirds and fixes, and to avoid the use of Discords, since it must be offensive to the Ear, to hear Discords unresolv'd.

The End or Close of a Cadence is generally denoted by the fourth to the Final, or the feventh to the fundamental Note of the Cadence, both being the fame in the uppermost Part, when by a third the Cadence finishes in Unifon.

Accordingly the fecond Part answers to this fourth by an imperfect fifth, in order to prepare for the Close by a Resolution into the third, in the same manner as was shewn in the foregoing Examples, as at A.B. in Ex.11. C.D. in Ex. 12. E.F. in Ex.13. G.H. in Ex.14. I.K. in Ex.15. L.M. in Ex.16.

N.O. in Ex.17. also at P.Q. & R.S. in Ex.18. where you will find the Shake to follow immediately after the Refolution.

But where the Cadence Note, or the laft Note before the Final, is a fixth, and the Final, or finishing Note an eighth to the Fundamental or Bass Note, See A. then the former is accompanied in the second Part by the Fourth of the Key, which, with that on the last Note but one in the uppermost Part will constitute an extream Sharp fourth, See B. or if inverted an imperfect Fifth. See C.



The Variations in the feveral Propositions and Imitations, as also in the Preparations and Resolutions of Discords may be either lengthen'd or shorten'd at Pleasure, as will be explain'd in Ex. 19 & 20. both being form'd on Ex. 16. which in the former is enlarged by means of additional Variations, and abridged in the latter, by reducing the Embellishments to its simple and original Notes.

And thus one may proceed with all others, as then the fame Paffages thus diverfified will always appear again in a new and different Form.



A regular measure of Time need not to be observed in double Cadences any more than in the single, for the same reason already given concerning the latter, except in Imitations, where it is necessary the other Part should answer the first exactly in the same measure and number of Notes.

What still remains to be treated of is the so called half Cadence where the Antepenultima, (the last Note but two) has a major seventh in the upper Part, which resolves and descends to a fixth on the Penultima (the last Note but one) and afterwards closes with a rising Eighth on the Ultima, or the last Note; the last Note is to be considered as the fifth to the Principal Minor Key, and as such always requires a major Third in its Accompanyment.

This fort of Cadence is commonly used in the minor Key, in the middle or at the end of a flow Piece. See Ex. 21

In former Times and especially in Church Music it was used to such an excess, that it became at last disgustful, which is the Reason it is used so very sparingly at the present Time, in which Case only, and if introduced with Judgement it cannot fail of having a good Effect even in our modern Practise of Music.

Embellishments introduced on fingle Cadences of this kind have but a very small Compass.

Its principal Notes must be taken from the Chord of the Seventh counted upwards which are a 3d & 5th below the Seventh in the upper Part, and a 4th & 6th above it, and may be taken either way. See Ex. 22.



In fach Cases one proceeds according to the intended length of the Cadence, if short, fewer Notes, as for Instance those only from the Letter C. to the End will serve; if longer, those from A.B. to the End may be added thereunto, and in Case of a farther extent, one may descend down to the Seventh according to the Example above, wherein the principal Notes of the Harmony are shewn, which also may be varied by additional Embellishments in different ways.

Double Cadences of this kind frequently occur in Trios, where its Ornaments are conftructed upon the fame Principles as those of the Single: observe only that Part that begins with the Seventh must likewise begin the Proposition, and that the other Part is to rest on the Third, untill the former has almost sinish'd it and is ready to shake on the Sixth, and then the second Part is to begin by imitating the Notes of the first Part by a Fisch below it.



All that has been observed concerning the first Part in the foregoing Example, is equally to be applied to the Second if it was to begin with the Second, which will be exemplified by the same Example inverted.



Concerning the Fermata (an Italian Word) or Paufe ad libitum, fometimes used in Vocal Music at the beginning of a Song, but feldom in a Solo Part for an Instrument, except in an Adagio, still remains to be observed, that it chiefly confists of two Notes, that constitute a Fifth whereof the First has a Bow marked over it, See Ex. 24. and it is used to denote that the Singer is to introduce some Embellishment on such a Note, on occasion of some Word or Syllable, for Instance, Vado, Parto, that seems to be particularly adapted for it which must consist of such Notes only as constitute the fundamental Chord of that Note, and admits of no change of Mood.

The Ex. 25 may ferve as a Specimen which the Singer may eafily transpose to his own particular Cliff.



The first Note is to be held out with a Swell, as long as his Breath will admit of, referving however as much as will be sufficient to finish the whole Cadence.

The latter may also be shortened at Pleasure, by leaving out more or less of the Passages it contains. For Instance, either of those as at A.B. or A.B.C.D. or those from A.to E. or also from A. to F. may be lest out, and the Cadence made so much shorter.

In refpect to its Conftruction it may also be observed, that it may be formed not only on the ascending Intervals of the Chord, as in the Example, but also on the descending provided it be regulated thus, that the first Note is heard again at least after the Embellishment, in order properly to prepare the last Shake on the Third, the nature of that Shake requiring to be prepared by a preceeding Note descendating to it.

The Shake at the End of a Cadence in a Minor Mood, is fometimes, yet chiefly in Vocal Mufic, made on a Sixth inftead of a Fifth, in this Cafe one proceeds in the fame manner as was flewn in Ex. 21. D. in the first Part of this Treatise.

This manner of finishing a Cadence, if it is done with Propriety and Judgement, may have its proper effect in some Cases, yet it should not be used too frequently, as some Singers are apt to do, when almost in every second part of a Song that closes in a minor Mood they apply such a Shake, the chief Reason to be affigued against it, is because such a Note commonly requires a state of the Atherita Accompanyment.

Now as the Cadence Note according to the regular way is accompanied by a common Chord, i.e. the major Third and perfect Fifth, a Harmony totally opposite to the other, and consequently Discord, the Ear from the Jarring occasion'd by such a Dissonary, would retain a disagreable Sensation at the Endos a Piece.