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 I N T R O is U C T I O N TO THE Grounds and Rules of MUSICK, IN TWO BOOKS:

Containing the Grounds and Rules of Musick; Or an Introduction to the Art of Singing by Note, taken from Thomas Walter M. A. B O O K II.
Containing a New and Correat Introduction to the Grounds of Musick, Rudimental and Practical; from William Tans'ur's Rayal Melony: The whole being a Collection of a Variety of the Choiceft Tunes from the mott approved Mafters. Opraife ye the Lord, prepare gour gladVoice, bis Praife in the great Alpembly to fing,
In our great Creator let Ifrael rejoice, and Childaren of Zion be glad in their King. Pf.cxlix. I.
Printed for and Sold by Daniel Bayley of Newbury, 1764.


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## Thoughts on Mufick: By Dr. Watts.

THE Art of SINGING is a moft charming Gift of the God of Nature; and defigned for the Solace of our Sorrows and the Improvement of our Joys. Thofe young Perfons who are bleft with a mufical Ear and Voice, fhould have fome Infruction beftowed on them, that they may acquire this delightful Skill. I am forry that the greateft Part of our Sengs, whereby young Gentlemen and Ladies are taught to practice this Art, are of the amorous Kind, and fome of them polluted too. Will no happy Genius lend a helping Hand to refcue Mufick from all its Defilements, and to furnifh the Tongue with nobler and more refined Metody ? But Sing-. ing muft not be named alone.

Various Harmony both of the Winn and String, were once in Ufe in Divine Worfhip, and that by Divine Appointment. It is certain then that the Ufe of thefe Inftruments in common Life is no unlawful Practice, tho the New-Teftament has not ordained the Ufe of it in evangelical Wormip.

But if the Voice be happily capable of this Art, it is preferable to all Infruments fafhioned and compofed by Man: This is an Organ formed and tuned by God himfelf. It is moft eafily kept in Exercife, the Skill is retained longeft, and the Pleafure tranfcends all the Reft. Where an Ode of noble and feraphick Compofure is fet throughout to Mufick, and fung by an artuul Voice, while the Spirit at the fame Time enjoys a devout Temper, the Joys of the foul and the Senfe are united, and it approaches to the fcriptural Ideas of the celeftial State.
Happy the Youth who has a bright and harmonious Conflitution, with a pious Turn of Soul, a Chearful Spirit, and a Relifh of facred Melody ! He takes a frequent Flight above this lower World, beyond the Regions of Senfe and Time; he joins the Confort of the heavenly Inhabitants and feems to anticipate the Bufinefs and the Bleffednefs of Eternity.

Containing the Grounds and Rules of MUSICK explained; or an Iitroduction to the Alt of Singing by Note, taken chiefly from Tbomas Walter, M. A.

Firft. THERE are in nature but feven diftinet founds, every 8 th note being the fame. Thus when a tune is fung by another upon a key too low for the compafs of my voice, if I would fing with the perfon, it muft be ail the way eight notes above him. A woman naturally frikes eight notes above the grum and low founding voice of a man, and it makes no more difference than the finging of two perfons upon a unifon or a pitch. And here let it be obferved, that the height of a note and the ftrength of finging it, are two different things. Two notes of equal height may be founded fo as that one fhall be heard much farther than the other.
Second. The eight notes, for the fake of the learners, are called by the names, Fa , Sol, $L a, M i$, where it muft be obferved, that from $M i$ to $F a$, as alfo from $L_{a}$ to $F a$ is but a femitone or half note ; and from Fa to Sol, from Sol to La , and from La to $\mathrm{M} i$, is a tone, or whole note. That is, in rifing from $M i$ to $F a_{\text {, or }}$ from $L a$ to $F a_{2} I$ don's raife my
voice but half as much as in riing from fato-Sol, from Sol to La , and from $L a$ to Mi. On the other hand, when I fall from Fa to Mi, or Fa to La immediately below it, I fall but half as much as I do from Mi to La, or La to Sol, Sol to Fe, and this you will perceive with your ear when your finging mafter fhall have learnt you to raife and fall your notes.

Tbird. The queftion then will be, how thall I know which is La Fa or Mi Fa; and which is Fa Sol and Sol La, \&xc. that I may give the former the true found of an half note, and the latter the found of an whole note; for this end was the gamut confructed and made, where there are feven letters of the alphabet made ufe of, to defign out the feven notes, in order to the knowledge of their names, $F a$, Sol, La, Mi, and by confequence the giving them their true and proper found.

I Shall here prefent to the reader's view a gamut, containing all the ufual keys of mufick, in all the placings and removes of the notes Fa Sol La Mi, and then explain it, which when we have finifhed, and it is well ीludied by the learner, it will be an eafy matter by the application of the gamut to any tune, to name the notes thereof.

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Fourtb. We fhall now go on to explain the gamut or fcale of mufick. And here you may obferve upon the gamut or fcaie of mufick, two marks, one over againft the uppermof $G$ but one, (mark'd thus $g s$ ) which is called the $G$ fol re at cliff, from the place it ftands ; the other mark is over againft the lowermoft $F$ but one, (mark'd thus $\mathfrak{\eta}$ : which is called the $F$ fa ut cliff, from its ftation on the gamur. The firft of there is placed upon the trebles or upper parts, and wherever it ftands upon your tune, call the line it flands upon G. Then you are to call the lines and fpaces above in order, $A, B, C, \& z c$. Call the lines and fpaces below this cliff, $F, E, D, C, B$, A, G, \&cc.

Fifth. The other is the cliff ufed upon the bafs, or lower parts of a tune, and you are to call the line it fands upon F , then the lines and fpaces above, $\mathrm{G}, \mathrm{A}, \mathrm{B}, \& \mathrm{\&}$. Thofe defcending are $E, D, C, B, A, G, \& r c$. juft in the order you find them upon the gamut. Take notice that any tune is only fo many lines and fpaces (upon which notes may be placed) takien from the gamut; and that each lire- and fpace correfponds with the line and fpace anfiwering it on the gamut; and the fame letter and name is underfood to be thereupon, which is in the fanse places of the gamut. We will then take the firft line of Windfor treble. See the examples, page firft of the copper plate, where obferve, every line and fpace is mark'd with the proper lecters at ahe"beginning of the tune. Upon the loweft line but one flands the $G$ cliff, which

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anfwers to the line upon the gamut, where the fame $G$ cliff does ftand. If a note ftands upon that line, it ftands upon $G$, as you find the laft note does. The fpaces and lines above, I call in the order of afcending, and as they are there marked, $A, B$; $\mathrm{C}, 8 t c$. the two firf notes and the two laft notes but one, being a fpace above the cliff ftands on A. The third and fifth noteftands on the line above that face which, is $\mathrm{B}, \mathrm{fo}$ the fourth note is upon C . Thus are you firt of all to learn to name the letters upon your tune from the gamut. Again, let us take the Bafs of Windfor the firtt line; where firt of all obferve the F fa ut cliff which fhews the tune, to be a bafs; the line it ftands upon call F , then the lines and fpaces below, you mult call gradually defcend. ing, $E, D, C, \& c$. the lines and fpaces above, call G, A, B, \& c. Thus in the faid tune the firft note ftands a fpace and a line above the F cliff. I call the cliff F , the face $G$, the line above that $A$, which is the place where the two firft notes ftand; The third note is but one fpace above the F cliff, it fands then upon $G$, which is a note above F . The fourth note is three no:es below the cliff; count dowavards and fay, F, E., D, C; that note therefore flands upon C. And fo of all the reft of the notes, by counting upor down from the cliff, you may find them.

Sixth. Having thus far proceeded, it will not be difficult to name the notes by the fyllables, FG, Sol, La, Mi, in order to know which are half notes, and which are whole notes, and to give them their proper found. Mi is the mafter note; ancl then the eighth note will be Mi again ; and fo on forever.

The next queftion then is, how to find $M i$; and here the anfwer is, that the natural place for $M i$ is in B. Look in the firt colum of the gamut, and you will find $\mathrm{Mi}^{*}$ upon $B$, which is the natural place for it. Look for example, on the firt line of Windfor treble, where $M i$ is upon $B$.

But then there are other characters ufed in mufic, which ferve to vary the place of Mif, that is, to tranfpofe it from B, it's natural place, to fome other place or letter ; the one is a flat, the other is a fharp. The B flat depreffes a note halt a found lower. Thus we faid before, that from Mi to Fa is but half a note; but if Mi has a flat upon it, it is an whole note from Mi to Fa , that is, Mi is an half note lower than it was before. The fharp ferves to raife a note as much higher; thus from La to Fa aicending, is but an half note; but if $F a$ be fharped, it is an whole note above La. Note alfo from the gamut, that the flat makes a note or line before which it is placed, half a note lower ; and a harp makes it as much higher. Look upon the gamut, co. Jumn firt, and you will fee that from B to C is an half note, viz. Mi, $\mathrm{F}_{a}$ : but upon column fecond, from $B$ to $C$ is an whole note, that is, $F_{a}$ Sol; fo upon column firit of the gamut, you will find, that from E to F , which is there $\mathrm{La}, \mathrm{Fa}$; and in columa fecond, where from $E$ to $E$ is $M i_{2} F a$, is but an half note ; but in colum third, where

## To the Grounds of Music.

E is flatted, from $E$ to $F$ is an whole note, viz. Fa, Sol. So as to the flarps; from $E$ $t \mathrm{~F}$ in the firft colum, is but half a note, chat is, $\mathrm{La}, \mathrm{Fa}$ : but in colum fourth, where $F$ is fharped, from $E$ to $F$ is an whole note, that is $L a, M i$; and fo you may find it in the reft of the columns.

This gives the reafon of the removes of the Mi, viz. the making the femitonis whole tones, or the half notes whole sotes.

Fo the leveral Removes of the Mi, take tois foort SCHEME. The natural place for Mi, is in $B$, but if

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| B and E |$|$ be flat, $\mathrm{M} i$ is in \(\left|\begin{array}{lll}\mathrm{E} \& \mathrm{F} <br>

\mathrm{A} \& and if \& \mathrm{F} and \mathrm{C} <br>
\mathrm{F} and \mathrm{G}\end{array}\right|\) be harp, Miis in $\left\lvert\, \begin{aligned} & \mathrm{F} \text {. } \\
& \mathrm{C} \\
& \mathrm{C} .\end{aligned}\right.$
And when you have found $\mathrm{M} i$ in any of there variations, the notes above, are $F_{a}$, Sol, La, Fa, \&rc. and below, La, Sol, Fa, La, \&cc. as before.
The eximples will fhew us the feveral removes of Mi ; and here you may compare every example with the gamur, and you will find it aniwering note for rote; ouly you muft obferve the diftinct colum of the gamut. You will find the letters, the notes, the place of the Mi to correfpond exsity. compare the filt column of the gamut, with the firft example, where $M i$ is in $B$ : the fecond colum with the fecond example, where $B$ is flat, and $M$ is in $E$ and $f(2$ of the relt. The tune will plate.
8. Tunes are faid to be upen a flat or fharp key. To know whether your tune be upon a flat or a fharp key, this is the general rule, if the two notes above the lat note of your tune be whole notes, it is upon a fharp key; but if the two notes above, be one an whole note, the other an half note, then it is a flat key. For inflance, in Carterbury tune, the laft note is upon G , and is called Fa ; the notes above mult be. Sol, La , which are two whole notes; in that from Fa to $L a$ is a greater third. Again, in Windfor tune the latt note is upon A , and is called La ; the notes above are $\mathrm{Mi}, \mathrm{Fa}$; which makes it a leffer third. The former confifts of two whole notes; the other of an whole note and an half note. When you have learned to raife and fall your notes, the difference of the fnund will be percptible by the ear. From this difference of the greater and leffer third it follows, that funes upon fharp keys are chearful and fpright-ly, and therefore more fuitable to pfalms of praife and chankfgiving. And the flat keys being more grave and mournful, are therefore beft fet and fung to penitential pfalmes, and melancholly airs.

Nintb. The notes in mufick do come under a further confideration, and that is their length, or fhortnefs in timing of them: they are known by the names of a femibreve, minim, crotchets, quaver, femiquaver. As for their abfolute length and meafure of time in founding, a femibreve is founded in the tinte that a man may let fall his hand flowly, and raife it again; letting his hand fall at the firft founding, and taking it up when it is half down, which lifting up of the hand finifhes it.

As for their comparative length, one femibreve contains two minims; one minim two crotchets, \&rc. So that if a femibreve is founded while a man lets fall his hand and raifes it again, by confequence a minim is founded while the hand is falling, and another while it is rifing. And two crotchets while it is falling, and two while it is rifing, \&cc.

From this different length of notes arifes what we call the time of a tune, which is two fold, either common time, or triple time. Common time is meafured by even numbers, as $2,4, \& \%$. each bar including fuch a quantity of notes, as will amount to one femibreve (which is the meafure note, and guideth all the reft) it being called a whole time, or the time note.

Tripla time is meafured by odd numbers, as $3,6,0, \& x$. each bar including either 3 minims, 3 crotchets, or 3 quavers, and mult be founded one third fwifter than common time.

## For the Mufical Cbaraderes fee BOOK $I$.

The laft Thing we have to direct of, is the doefrine of concords and difcords I fay among the feven noter, for there are no more in nature, every eighth being
the fame, (only on a higher key, ) a third leffer and greater, a fifth leffer and greater, afixth leffer and greater, are concords: that is, if I found a third, or fifth, or fixth a bove another man, my voice founds harmoniounly with his. A fecond and feventh are difcords; afourth is by fome accounted a chord, by others a difcord: but I am inclined to think the former. Note alfo, that if any note is a chord or difcord to another, the octaves or eights of the founds are fotoo. You will find in the followingtunes, many inflances, where the bafs is more than eight notes below the tenor anfwering toit: and when it is fo, fuch two notes are a double concord to one another, and are the fame in nature as a fingle concord. Thas an eighth is the fame with a unifon, a ninth with a fecond, a tenth with a third, \&c.

The treble, bafs, and medius, do not always begin upon a pitch, fometimes three, fometimes eight notes, \&c. diffance from one another. Yous may fird their diftance by oblerving the leters on which the firft note of each ftands. Thus if the irfin note of the bafs itands on $A$, and the treble begins on $C$, they are a third afur. der, the bais muft be begun a third below.

Finally, obferve that difcords are fometimes made ufe of in mufick, to propare the ear by their harthnefs, and to relifh better the fiwcetnefs of a following con. cord. Thus oftentimes, there will be an imperfect concord, then a diford which is ftill more grating; which ferves to keep the audicor in a longing fufpence, till all the parts fall into a perfect fet of chords, which finifhes the harmony, and frangely charms the hearer.

## B O O K II.

Containing a New and Correct Introduction to the Grounds of Musick, taken from William Tans'ur's Rojal Meludy.

## CHAPTER. 1.

Of the gamut and its ufe: and of cliffs.
THE fole fubject of this following difcourfe is found: which art or fcience, ist called mufick, which may be performed, or made either with a voice or an inftrument; which art may be properly fammed into thefe threc following heads, viz. tune, time, and concord.

Firt. Tune is regulated by the fcale of mufick, called the gamut; which gives a true diftinction of all found or tones, whecher grave or chearful.
Second. Time is comprehended and underfood by marks or charafters, called notes; which being regularty op the lines and fpaces of the gamar, guideth the
performer to a true and exact movement of time, either quick or flow; which when performed, tis called meledy.

Third. Concord is when two, three, or more founds are performed together in mufical concordance; there being the diffance of $3,5,8$, or more notes above another ; which when regularly compofed, 'cis called harmony, i. e. three in one. The tree nature and ufe of thefe three heads, I fhall endeavour to demonftrate, and explain in a plain and familiar method, in the following chapters.

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THE gamut or fcale of mufick contains all the degrees of found, which is the gramer, or ground-work of all mulick; without which, no knowledge can be gained in this noble and divine feience. See the gamut on page feventh.
In the fcale you have a name for every line, and fpace; they being either a whole or half note diftant, one from another: and when your notes are fet down on any of them, you muft call them by that fame name as is given to that line or fpace. Obferve that every eighth letter (together with its degree of found) bears the fame name as was before; the fcale being founded on no more than feven letters, viz. $G, A, B, C, D, E, F$, and then $G$ again ; fo every eighth is the fame upwards, or downwards. This feale you muft learn perfeet by heart, fo that having the name of every line and fpace perfeit in your memory, you may readily call your notes in any of them.

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