# Taha Alphabet and wAw Alphabet Definition 

## Writing Geometric Method

\{Taha\} \{=d_b\}
Writing Method Using Geometric Letters (FRTL)
\{Taham\} $\left\{d_{=}=\square=\square\right.$
Writing Method Using Mirrored Geometric Letters (FLTR)

## Writing Arabic Way


Writing Method Using Latin Matching Letters

$$
\{c, q, x\} \equiv(\tau, ~ \varepsilon ، s)
$$

## \{Taha\} Alphabet

\{Taha\} method, which stands for "Tareeqah Handasiyyah" in Arabic, is a universal Arabic Geometric method of writing from right to left (FRTL) using \{Taha\} alphabet.
\{Taha\} alphabet consists of Geometric Arabic letters enhanced by additional letters from other languages starting by English and French.
\{Taham\} alphabet is the Mirrored Geometric letters enhanced by additional letters from English and French and used for writing from left to right (FLTR). Mirrored Geometric letters are also called Reversed Geometric letters.

There are 32 Geometric consonant letters in \{Taha\} including 22 Phoenician letters plus 6 additive Arabic letters plus 4 specific Latin consonant letters used in English and French.

There are also $\mathbf{1 8}$ Geometric vowels in \{Taha\} including 6 Arabic common vowels plus 4 additive Latin vowels used in English and French plus 8 specific French vowels.

Each consonant letter can be associated with a vowel to represent a particular sound launched in a certain direction and called dynamic letter otherwise it is static by default.

## wAw Alphabet

\{wAw\} method, which stands for "writing Arabic way" is the Latin version of \{Taha) method of writing but from left to right (FLTR) and by using English or French matching letters $\{\mathbf{w} \mathbf{A w}\}$ alphabet including small and capital letters and combined letters.
\{lml\} alphabet consists of small and capital Latin matching letters redefined in order to establish a one to one match relationship with the 32 Geometric or Mirrored Geometric consonant letters and the $\mathbf{1 8}$ Geometric or Mirrored Geometric vowels.
\{wAw\} alphabet is an easy readable version of $\{\mathbf{l m l}\}$ alphabet modified in order to preserve the combined English consonant letters and the combined French specific vowels.

Latin letters are used to enter texts in the computer in order to generate \{Taha\} and \{Taham\} texts by applying the Arabic Geometric or the Mirrored Arabic Geometric fonts.

The first following table represents the 32 consonant letters including Arabic Abjad (A), Latin matching letters $\{\operatorname{lml}\}(\mathbf{L})$, Geometric letters $(\mathbf{G})$, Mirrored Geometric letters (M) and English $\{\mathrm{wAw}\}$ consonant letters $(\mathbf{W})$. The second table represents the common $\mathbf{1 0}$ vowels and the third table represents the $\mathbf{8}$ specific French vowels.



| Arabic，English \＆French Common Vowels | 4 English \＆French Vowels |  |  |  | 6 Arabic，English and French Vowels |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Mad Off | Mad <br> Kash | Offah | Kashah | Mad Kasr | Mad <br> Dum | Mad <br> Fath | Kasrah | Dummah | Fathah |
|  | مد أوف | مد كسح | أفة | كسحة | مد كسر | مد ضم | مد فتح | كسرة | ضمة | فتحة |
| Latin（lml） | O | E | o | e | I | U | A | i | u | a |
| Geometric（Taha） | 므 | 크 | ㅁ | m | T | 므 | 1 | $=$ | ㄹ | 二 |
| Geometric（Taham） | b | E | 뜨 | m | $T$ | P | 1 | $=$ | 므 | 二 |
| Latin $\{\mathrm{wAw}\}$ | O | E | o | e | I | U | A | i | u | a |

10 Geometric Vowels（6 Arabic，English \＆French＋ 4 English \＆French）

| French Specific Vowels | 4 Specific French Nasal Vowels |  |  |  | 4 Specific French Oral Vowels |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Naf Fath | Naf Dum | Naf Kasr | $\begin{aligned} & \hline \text { Naf } \\ & \text { Off } \end{aligned}$ | Summah | Lammah | $\begin{aligned} & \hline \text { Mad } \\ & \text { Sum } \end{aligned}$ | Mad Lam |
|  | نف فتح | نف ضم | نف كسر | نف أوف | صمّة | لمّ | مد صم | مد |
| Latin（lml） | L | M | N | G | X | Y | J | R |
| Geometric（Taha） | 三 |  | $\equiv$ | 뜬 | $\pm$ | 프ㄴㅡㅔ | ㅋ | $\pm$ |
| Geometric（Taham） | 三 | $\underline{\underline{1}}$ | 三 | 뜨 | $\underline{\text {－}}$ | $\underline{\square}$ | F | E |
| Latin \｛wAw \} | aa | uu | ii | Oo | iu | eu | Iu | Eu |
| French words | an，en | un | vin | nom | du | peu | dur | peur |
| French wAw words | aa | uu | vii | noo | diu | peu | dlur | pEur |
| 8 Specific French Geometric Vowels（4 Nasal Vowels＋ 4 Oral Vowels） |  |  |  |  |  |  |  |  |

