

Definition: Chord Integer Notation

Is a notational system for specifying a series of notes to be played simultaneously, written as:

$$\widehat{r} \mid x_1, x_2, \dots, x_{n-1}, x_n$$

- Where $\widehat{r} \in \mathbb{W}$ is the root tone
- $x_1, x_2, \dots, x_{n-1}, x_n$ are a series of intervals that generate the notes

$$\widehat{r + x_1}, \widehat{r + x_2}, \dots, \widehat{r + x_n},$$

These notes form the chord.

Examples

- $\widehat{0} \mid 0, 4, 7, 11$ generates the notes $\widehat{0}, \widehat{4}, \widehat{7}, \widehat{11} \leftrightarrow C, E, G, B$ which is a C major 7th chord.
- $\widehat{5} \mid 0, 3, 7$ generates the notes $\widehat{5}, \widehat{8}, \widehat{0} \leftrightarrow F, Ab, C$ which is a F minor triad