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leimma

by Khyam Allami & Counterpoint

Explore, create, hear and play microtonal tuning systems.

Select a tuning system or Create a new tuning system

Select a tuning system

- African
- Arabic
- Chinese
- Greek
- Indian
- Indonesian
- Persian
- Turkish
- Western Experimental
- Western Historical

Al-Farabi 25-tone/10-Fret Oud
Tuning by Al-Farabi (d. c. 950) devised by using 10 frets on the oud.
Source: Forster, C. (2010) Musical Mathematics: On the Art and Science of Acoustic Instruments. San Francisco, Calif: Chronicle Books. Section 11.53

Al-Kindi 6-Fret Oud
Al-Kindi (d. c. 874) 12-tone/6-Fret Oud tuning.
Source: Forster, C. (2010) Musical Mathematics: On the Art and Science of Acoustic Instruments. San Francisco, Calif: Chronicle Books. Section 11.46

Al-Urmawi 17-tone (First 'Ud Tuning)
Safī al-Dīn al-Urmawī's 17-tone tuning system (13th C.)
Source: Forster, C. (2010) Musical Mathematics: On the Art and Science of Acoustic Instruments. San Francisco, Calif: Chronicle Books, pp. 712.

Al-Urmawi 17-tone (Second 'Ud Tuning)
Safī al-Dīn al-Urmawī's 17-tone tuning system
Source: Forster, C. (2010) Musical Mathematics: On the Art and Science of Acoustic Instruments. San Francisco, Calif: Chronicle Books, pp. 716.

Select a tuning system

- African
- Arabic
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- Persian
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Greater Perfect System (Chromatic)
Of the Greek texts that survived, the first complete description of the GPS may be found in Euclid's Division of the Canon (fl. c. 300 B.C.).
Source: Forster, C. (2010) Musical Mathematics: On the Art and Science of Acoustic Instruments. San Francisco, Calif: Chronicle Books. Section 10.6

Greater Perfect System (Diatonic)
Of the Greek texts that survived, the first complete description of the GPS may be found in Euclid's Division of the Canon (fl. c. 300 B.C.).
Source: Forster, C. (2010) Musical Mathematics: On the Art and Science of Acoustic Instruments. San Francisco, Calif: Chronicle Books. Section 10.6

Greater Perfect System (Enharmonic)
Of the Greek texts that survived, the first complete description of the GPS may be found in Euclid's Division of the Canon (fl. c. 300 B.C.).
Source: Forster, C. (2010) Musical Mathematics: On the Art and Science of Acoustic Instruments. San Francisco, Calif: Chronicle Books. Section 10.6

Select a tuning system

- African
- Arabic
- Chinese
- Greek
- Indian
- Indonesian
- Persian
- Turkish
- Western Experimental
- Western Historical

Al-Urmawi 17-tone (First 'Ud Tuning)
Safī al-Dīn al-Urmawī's 17-tone tuning system
Source: Forster, C. (2010) Musical Mathematics: On the Art and Science of Acoustic Instruments. San Francisco, Calif: Chronicle Books, pp. 712.

Al-Urmawi 17-tone (Second 'Ud Tuning)
Safī al-Dīn al-Urmawī's 17-tone tuning system
Source: Forster, C. (2010) Musical Mathematics: On the Art and Science of Acoustic Instruments. San Francisco, Calif: Chronicle Books, pp. 716.

Ibn Sīnā 18-tone/8-Fret Oud
Ibn Sīnā's (980-1037) tuning systems created by using 8 frets on the Oud. Only 7 frets were needed for the main divisions but an extra 8th fret was used to allow reaching certain divisions in the upper octave.
Source: Forster, C. (2010) Musical Mathematics: On the Art and Science of Acoustic Instruments. San Francisco, Calif: Chronicle Books, pp. 671.