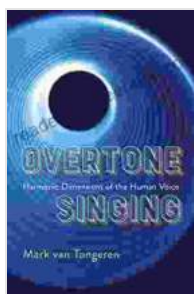


Overtone Singing: Harmonic Dimensions of the Human Voice

Overtone singing, also known as harmonic singing or multiphonic singing, is a vocal technique that allows singers to produce multiple notes simultaneously using just their own vocal cords. It is a practice that has been passed down for centuries in various cultures around the world, including Mongolia, Tibet, and Tuva.

The Science of Overtone Singing

The human voice is capable of producing a wide range of frequencies, from deep bass notes to high-pitched harmonics. When we speak or sing, our vocal cords vibrate at a specific frequency, creating the fundamental pitch. However, our vocal tract is also capable of resonating at higher frequencies, called formants. These formants are responsible for the distinctive vowel sounds we make. By controlling the shape of the vocal tract and the airflow through the vocal cords, overtone singers can amplify these formants and bring out specific harmonics.



Overtone Singing: Harmonic Dimensions of the Human

Voice by Mark Van Tongeren

★★★★★ 5 out of 5

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Screen Reader: Supported

Print length : 24 pages

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The most common overtone singing technique involves using a low humming sound as the fundamental pitch and then manipulating the vocal tract to isolate and amplify specific harmonics. This can be done by changing the shape of the mouth, tongue, and lips, as well as by controlling the amount of airflow through the vocal cords.

Types of Overtone Singing

There are many different styles of overtone singing, each with its own unique characteristics. Some of the most common types include:

- **Tuvan throat singing** is a style of overtone singing that originated in the Tuva region of Siberia. Tuvan throat singers are known for their ability to produce two or more notes simultaneously, creating a rich and complex soundscape.
- **Mongolian overtone singing** is a style of overtone singing that is similar to Tuvan throat singing, but with a more relaxed and meditative approach. Mongolian overtone singers often use the technique to create a trance-like state.
- **Tibetan overtone singing** is a style of overtone singing that is used in Tibetan Buddhist monasteries. Tibetan overtone singers use the technique to create sacred sounds that are believed to have healing and spiritual properties.

Benefits of Overtone Singing

Overtone singing offers a wide range of benefits, both physical and mental. Some of the benefits include:

- **Improved vocal range:** Overtone singing can help to extend the vocal range by strengthening the vocal cords and developing the ability to control the vocal tract more precisely.
- **Reduced stress:** Overtone singing has been shown to reduce stress and promote relaxation. The deep, resonant sounds produced by overtone singing can help to calm the mind and body.
- **Increased energy:** Overtone singing can also help to increase energy levels. The physical exertion required to produce overtones can help to stimulate the cardiovascular system and release endorphins.
- **Improved breathing:** Overtone singing requires precise control of the breath. Regular practice can help to strengthen the diaphragm and improve overall breathing patterns.
- **Spiritual benefits:** Overtone singing is often used for spiritual purposes in many cultures. The resonant sounds produced by overtone singing can help to create a sense of connection with the divine.

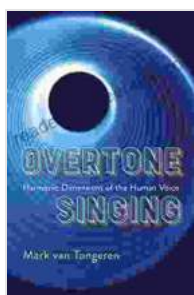
How to Learn Overtone Singing

Learning overtone singing takes time and practice. There are a number of resources available to help you get started, including books, DVDs, and online courses. You can also find overtone singing workshops and classes in many cities.

To begin learning overtone singing, start by humming a low note. Once you have a consistent hum, begin to experiment with changing the shape of your mouth, tongue, and lips. You should start to hear different harmonics emerging from the hum.

With practice, you will be able to isolate and amplify specific harmonics and create beautiful and complex soundscapes using just your own voice.

Overtone singing is a fascinating and rewarding vocal technique that can unlock the harmonic dimensions of the human voice. Whether you are interested in exploring your own vocal potential, improving your vocal health, or connecting with ancient spiritual traditions, overtone singing is a practice that has something to offer everyone.



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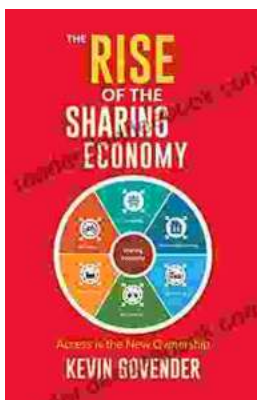
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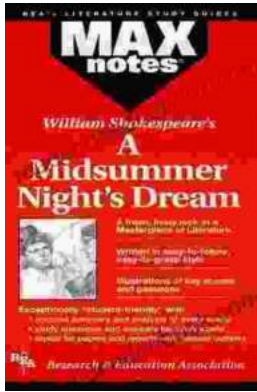
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