harte echtzeit - ji kū kan Graphic design by harte echtzeit Claudia, Axel, Alexander & Ramon Mastered by Pablo Miranda at La Special thanks to Martin, Sara, of gravitational wave detections published by R. Abbott et al. (LIGO Scientific All sounds are based on data Collaboration & Virgo Collaboration), "Open data from the first and second observing runs of Advanced LIGO and Advanced Virgo". Liner notes by Sara Thiel Isla Estudio, Barcelona CIA-13 | 2024 | CC-BY 4.0 SoftwareX 13 (2021 (CC-BY-SA 4.0) Call It Anything Records narte-echtzeit.com Albert Einstein RH謳 intuition, and music was the intuition. My discovery was driving force behind that »It occurred to me by the result of musical perception.« harte echtzeit H

ji kū kan Performed and recorded with 04_ superposition harte echtzeit -03_ duality 01_ fabric 02_ tide side b side a

06.47

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tidal cycles and samples of gravitational wave detections.



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existence, while the original message never stopped to visit Earth. It simply left	Nine years - or as waves call it: 85 trillion
It attains an earthly	The message. 2016: That was nine years ago
a rhythm, like a heartbeat.	our date. So it was in 2015 when a research facility called LIGO sensed and recognized
name of music, the sound now revolves around itself, repeats, can be reinvented, and played with. The sound of the wave acquires	wave. This message from the collision of two black holes was named GW 150914 - scientifically sober, after its nature and
gravitational wave more addition, researchers amplified it and shifted its frequency slightly. In the name of science. In the	recorded gravitational wave as it rushed through near-Earth spacetime, four musically pieces emerged that now travel behind this
To make the sound of the first ever recorded	From the sound left behind by the first ever
Yielding minimal changes in spacetime.	Knowing, there might be any soul.
	Audible, and yet unheard. Or not?
Lighthearted disturber.	giant explosion.
The whole planet.	Carrying the message of this
Earth, nudged by me.	Into the nowhere.
longer than a heartbeat.	Aimlessly, always just away. Away
Only in absolute silence. Not	Right: I am on the move.
yet you can hear a beat.	And there is no goal.
Lacking a heart,	Destination is an illusion.

Drifting through countless

encounters.

Vaguely perceived.

On the journey.

To Sirius and a bit further.

it behind, a memory in

while life relentlessly

spacetime

events. They compress and stretch spacetime Gravitational waves are the results of cosmic extremely sensitive observatories, such as supernovae. These disturbances can only be universe, originating from collisions or moments of universal silence them, allowing them to enjoy minds of people who listen to they can also bring peace to the darkness of the cosmos. However, to help physicists shed light on the findings from their research are intended those in the USA, Germany, and Italy. The detected with exceptionally large and as they propagate through the vastness of the