

Multifaceted Holistic Medical Health Engineering Combined with Science and Art

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Abstract

Asst. Prof. Dr. Emin Taner Elmas's biomedical approach is based on viewing the human body as a "bio-machine" and health as the "harmonic resonance" of this machine. We can examine the application of this interdisciplinary perspective to health technologies under three main headings:

1. Bio-Robotic Resonance and Frequency Medicine

Elmas directly applies the concept of "tuning" in music to the cellular and organ level. • **Natural Frequency Analysis:** Each organ (heart, lungs, liver) has a natural vibration frequency according to its structural characteristics. Using the principle of resonance in engineering, Elmas theorizes about identifying the disrupted frequencies of diseased tissues and "re-tuning" these tissues with externally controlled low-frequency waves (sound or electromagnetic). • **Diagnostic Algorithms:** He focuses on early diagnosis models by analyzing acoustic or electrical signals from the body using Fourier transforms and digital signal processing techniques, much like analyzing the timbre of an instrument.

2. Explicit Thermodynamic System Modeling of the Human Body

It considers the body as a heat exchanger and energy converter in medical device design. • **Entropy Management:** Since it defines disease as an increase in disorder (entropy) in the system, it aims for biomedical devices (e.g., dialysis machines or artificial heart pumps) not only to perform mechanical work but also to maintain the body's thermodynamic balance (homeostasis) with minimum energy loss. • **Bio-Heat Transfer:** It advocates for technologies that detect tumors by mapping the different heat emission (metabolic activity) characteristics of cancerous cells compared to healthy cells using thermodynamic sensors.

3. Engineering Aesthetics in Prosthetics and Orthotics

It adapts the material knowledge from musical instrument making (luthiership) to biomedical implants. • **Material Compatibility:** Just as the fiber structure of wood transmits sound in the making of a bağlama (a Turkish stringed instrument), it calculates the mechanical impedance (resistance) compatibility of titanium or carbon fiber used in

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prosthetics with body tissue. • Ergonomics and Art: Combines engineering ethics and artistic vision, arguing that a prosthesis should not only be a functional “part” but also an aesthetic “form” that complements body integrity.

4. Smart Drug Delivery and Fluid Mechanics

As a mechanical engineer, he models blood flow in the veins (hemodynamics) using the principles of fluid mechanics in pipelines.

- Turbulence Analysis: He likens the turbulence created by vascular blockages to the distorted sound of an instrument (noise), and establishes the logic of smart nanorobotic systems that detect this noise and focus on that area. In short, for Elmas, biomedical technology is the process of “reharmonizing a disrupted biological tuning with engineering parameters.”

For Dr. Elmas, the tuning of a musical instrument is a “mechanical balance,” while the health of the human body is a “biological tuning.” When both systems operate at the wrong frequency (or wrong voltage), the system loses its efficiency (becomes out of tune or diseased).

According to Dr. Emin Taner Elmas’s vision, this technology should create a holistic “acoustic shield” that combines both preventive (at home) and interventional (in surgery) stages of health:

1. Smart Home Assistants: “Continuous Tuning Control”

At this stage, AI works like an invisible “sound engineer” inside a home:

- Passive Listening and Preventive Medicine: Smart speakers or wearable devices in the home diagnose diseases before symptoms even begin, from microscopic vibrations in your voice (a sign of Parkinson’s or depression), your breathing rhythm during sleep (sleep apnea), or your cough frequency.
- Bio-Feedback: If the system detects a “rhythm disorder,” it makes frequency interventions to balance the body’s biological clock (circadian rhythm) through lighting or ambient music in the home. This is the “health at home” revolution that minimizes the need to go to the hospital.

2. Surgical Operations: “Precise Acoustic Guidance”

In the operating room, this technology allows the surgeon to “hear” tissue characteristics that the naked eye cannot see:

- Tissue Characterization: Ultra-precise vibrations (acoustic emissions) created when a surgeon uses a scalpel or a robotic arm touches tissue are analyzed by AI. The “sound” of healthy tissue and tumor tissue is different; AI gives the surgeon a warning, “This area is hardened, you are in a tumorous region,” through audible or visual augmented reality.
- Vascular Access Tracking: Working on the principle of fluid mechanics, AI listens to turbulence in blood flow during surgery and instantly reports vascular leaks or clot risks. In short;

In Elmas’ approach, health is an instrument that is “protected before it deteriorates and repaired with the utmost precision when it does deteriorate.” While home assistants perform daily maintenance on this instrument, surgical AI repairs a structural malfunction (disease) within the instrument with pinpoint accuracy. This dual approach is key to shifting the medical world’s philosophy from “curing the patient” to “keeping the person healthy.” [1-54]

Keywords: Mechanical Engineering, Holistic Health Engineering, Medical Health Engineering, Science, Art, Medical Technique, AI - Artificial Intelligence, Medical Thermodynamics, ELMAS’s Theory of Thermodynamics, 5th Law of Thermodynamics, Entropy, Bio-robotic Resonance, Resonance, Frequency, Thermodynamic, Energy Transfer, Fluid Mechanics, Heat Transfer, Mathematics, Music, Bağlama, Saz, Nây-ı Şerîf, Instrument of Ney (Ney: Turkish Reed Flute, Nay), Literature

INTRODUCTION

Dr. Emin Taner Elmas, in addition to being a mechanical engineer and academic, combines art and science in an “interdisciplinary synthesis” through his roles as a musician and writer. He achieves this synthesis particularly in the following areas:

- Music and Theory: He has published books that examine traditional Turkish instruments (ney, saz-baglama) from a technical and scientific perspective. For example, his books “Saz-Baglama Tuning System Method” and “Ney and Ney Player,” which examine the structure, frets, and sound circuits of the ney in technical detail, ground

music on a theoretical and structural foundation. • Bioengineering and Design: In his academic work, he focuses on fields such as biomechanics and medical engineering, analyzing prostheses designed for the human body using engineering principles (combining aesthetics and functionality). • Literature and Composition: He not only publishes his own poems (e.g., “My Dear Father”) in academic literary journals but also composes instrumental music for these works, blending artistic creativity with academic production. • Engineering Aesthetics: As a mechanical engineer, while working on thermodynamics and energy systems, he has also authored works such as “Expected from the Engineer of Our Time,” arguing that the contemporary engineer should possess an artistic and intellectual perspective. [1-54]

We can examine how Dr. Emin Taner Elmas blends art and science more deeply through his two most notable works and academic approach:

1. Saz-Baglama Tuning System Method (Book) [1-54]

This work approaches a traditional musical instrument entirely from an engineering and mathematical perspective.

- **Technical Approach:** Elmas analyzes the baglama not only as an instrument but also as a physical sound system. In the book, he explains the “Abdal Düzeni” and other tuning systems across a wide range of instruments, from the long-necked baglama family (Divan Sazi, Tambura, Cura) to the short-necked baglama, using frequency values and mathematical ratios.
- **Scientific Synthesis:** He presents a standard methodology by basing the tuning process, which musicians perform by ear, on specific pitches (Hz) and structural algorithms.

2. Prospective Characteristics of Contemporary Engineer – Çağımızın Mühendisinden Beklenenler (Book) [1-54]

This book is a manifesto in which Elmas constructs his “multi-faceted human” model through the engineering profession itself.

- **Content:** It argues that a modern engineer should not be limited to technical calculations but should also possess an ethical, aesthetic, and artistic vision.
- **Interdisciplinary Perspective:** It evaluates engineering from a broad perspective ranging from thermodynamic equilibria (science) to the aesthetics of the universe (art/philosophy).

3. “My Dear Father” Poem and Composition (Musical Work) [1-54]

The most concrete example of how art and scientific production coexist is Elmas’s artistic productions alongside his academic publications.

- **Literary and Musical Production:** The poem “My Dear Father”, written in memory of his father Raşit Bey, was published as an original literary work in 2024.
- **Application:** Elmas combines these literary texts with instrumental music (playing Ney and Bağlama) that he composes himself and shares them on digital platforms.

4. “Bio-Robotic Resonance” Studies in the Academic Field [1-54]

Even in his scientific articles, he brings the concepts of “frequency” and “resonance,” which are the cornerstones of music, to the fields of medicine and engineering. • **Analogy:** He develops medical treatment methods and algorithms based on “Bio-robotic Resonance and Thermodynamic Interaction” using the analogy of “Frequency-Resonance Adjustment Formation.” This is a point where he directly integrates the physical nature of music into engineering solutions.

MATERIAL, METHOD AND DISCUSSION

The technical details regarding Dr. Emin Taner Elmas’s two main areas of study, which combine art and science, are “Saz-Baglama Tuning System” and his vision as detailed in his book named as “Prospective Characteristics of Contemporary Engineer (By the Approach of Mechanical Engineering) Contribution and Role of the Mechanical Engineer to the Organization Management and Productivity”:

1. Saz-Baglama Tuning System (Technical Method) [1-54]

Elmas considers the bağlama not just as a traditional instrument, but as a physical acoustic system. His basic technical approach in his studies is as follows:

- **Frequency-Based Standardization:** He takes the tuning process beyond a purely sensory process and places it on a mathematical foundation. By determining the tension on the strings and the sound frequency values (Hz) of each tuning (Abdal, Bozuk, Müstezat, etc.), he offers a universal tuning algorithm.
- **Structural Analysis:** He analyzes the effects of the instrument’s string length, bridge height, and body structure on sound resonance from the perspective of a mechanical engineer. This helps to ensure consistent sound quality among different types of bağlama (Cura, Tambura, Divan Sazi).

2. Prospective Characteristics of Contemporary Engineer (Çağımızın Mühendisinden Beklenenler) and Engineering Ethics [1-54]

In his work “Prospective Characteristics of Contemporary Engineer,” (Çağımızın Mühendisinden Beklenenler) Elmas brings a holistic approach to the engineering profession. The technical and artistic pillars of this vision are as follows:

• **Interdisciplinary Transition:** He argues that engineering should not be limited only to the design of classical mechanical systems. He stipulates that the modern engineer must possess “artist’s sensitivity” (ethical and aesthetic concerns) in the areas of energy management, digital transformation, and sustainability. • **Analogical Modeling:** He uses artistic concepts even in his scientific studies. For example, he explains the energy transfer of the universe with a “Pressure Vessel Analogy” or develops medical treatment methods through the metaphor of “Frequency-Resonance Tuning.”

3. Bio-Robotic Resonance Studies [1-54]

This field is where Elmas brings the concept of “harmony” in music closest to medicine and engineering:

• **Bio-Thermodynamic Interaction:** He examines the systems in the human body through biomechanical and thermodynamic balances. The concept of “Bio-Robotic Resonance” attempts to explain how tissues and systems in the body interact at specific frequencies using an algorithm.

Dr. Emin Taner Elmas’s technical approach, which combines these two fields, is actually a search for “universal harmony.” Here is an in-depth analysis of these two topics:

1. Mathematical and Geometric Structure of Bağlama Frets [1-54]

Elmas examines the bağlama not just as an instrument, but as a “variable geometry acoustic system.” • **Logarithmic Division:** The arrangement of frets on the neck is not random. Elmas translates the frequency ratio between two notes (equal temperament or comma values in Turkish Music) into physical lengths.

• **String Tension and Frequency Relationship:** As a mechanical engineer, he analyzes the material of the string (steel, brass), its diameter, and the tensile force (stress) on it using Mersenne’s law formula. Here, he uses the relationship between T (Stress) and L (Length) to explain the differences in timbre in different sizes of the bağlama (such as 38-42 size). • **Microtonal Accuracy:** He establishes a mathematical standard for the “comma” sounds in Turkish folk music by calculating the millimeter shifts of the pitches. This explains the “tuning consistency” of the instrument with engineering precision.

2. Thermodynamic Equilibrium Analogies [1-54]

Elmas applies the laws of thermodynamics (especially Entropy and Energy Conservation) to biological and social systems:

• **Bio-Thermodynamic System:** He views the human body as an “open thermodynamic system.” While analyzing the energy entering the body (nutrient/oxygen) and the work/heat leaving, he defines diseases as an increase in Entropy (disorder) of the system. • **Balance and Resonance:** He connects the concept of “thermal balance” in thermodynamics with “resonance” in music. According to him, the efficient operation of a system (whether a machine or a human body) depends on its internal frequencies being in harmonic balance with external influences. • **Energy Transformation Analogy:** He describes music as a “transfer of emotional energy.” He examines the conversion of mechanical energy applied to the instrument (finger stroke) into vibration in the string (potential/kinetic energy) and from there into a pressure wave in the ear via the air, like the efficiency of a heat exchanger.

Synthesis: “The Harmony of the Universe” [1-54]

For Elmas, thermodynamics describes how energy is distributed in the universe; while the frets of the bağlama show how this energy is transformed into an aesthetic form (sound). Both are actually a matter of mathematical ratios.

We can deepen Asst. Prof. Dr. Emin Taner Elmas’s technical details, which combine these two fields, with the precision of an engineer and the aesthetic vision of an artist, as follows:

1. Frequency-Stress Calculations (Baglama Acoustics) [1-54]

In engineering, the vibration of a string is directly related to the material’s modulus of elasticity, density, and applied tensile stress. Elmas analyzes the bağlama as an “acoustic system” with the following technical parameters:

• **Stress Analysis:** Calculates the difference between the breaking limit of the bağlama strings and the stress during performance. Based on the diameter of the string and the applied force, it establishes the tension balance of different lower-middle-upper string groups (steel vs. silk) relative to each other. • **Fret Geometry and Logarithm:** The placement of frets on the neck is based on the logarithmic increase of frequency. By integrating the microtonal sounds in Turkish music into this mathematical sequence, Elmas examines the “impurity” (distortion) created in the sound by millimeter-sized fret placement errors within engineering tolerances. • **Material Resonance:** This section examines the effect of density and hardness values of juniper, mulberry, or chestnut wood used in boat building on the damping coefficient of sound as a subject in materials science.

2. Thermodynamic Modeling of the Human Body [1-54]

Elmas models the human body as a “heat engine” or “open thermodynamic system.” The cornerstones of this approach are:

- **Entropy and Health:** According to the second law of thermodynamics, systems tend towards disorder (entropy). According to Elmas, aging or illness in an organism is a decrease in the body’s ability to produce negative entropy (regulating energy). He views medical treatment as a process of slowing down the increase in entropy by intervening in the system from the outside.
- **Bio-Energy Balance:** This section calculates the conversion of chemical energy (nutrients) entering the body into mechanical work (muscle movement) and heat within the framework of the Conservation of Energy (1st Law). Here, “basal metabolic rate” is explained by analogy to a motor’s “idle operation.”
- **Resonance and Frequency Therapy:** Every organ in the body (heart, lungs, etc.) has a specific natural frequency. In his “Bio-robotic Resonance” model, Elmas theorizes how externally applied low-frequency vibrations (such as music or magnetic fields) can restore the thermodynamic balance (homeostasis) of organs.

Conclusion: The Intersection of Art and Science [1-54]

For Dr. Elmas, the tuning of a musical instrument is a “mechanical balance,” while the health of the human body is a “biological tuning.” When both systems operate at the wrong frequency (or wrong voltage), the system loses its efficiency (becomes out of tune or diseased).

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Dr. Emin Taner Elmas’s vision, which combines art and science, transforms these two technological fields through the concepts of “harmonic arrangement” and “dynamic balance”:

1. AI-Powered Diagnostic Systems (Analytical Art) [1-54]

Elmas positions artificial intelligence as a digital orchestra conductor controlling the “tuning” of the body:

- **Acoustic Signature Analysis:** Just as a luthier (instrument maker) understands the quality of wood from its sound, he uses AI algorithms to analyze sounds coming from the body (heartbeat, breathing, joint crackling). He develops deep learning models that detect “detuned” frequencies (disease symptoms) that deviate from the norm.
- **Bio-**

Data Symphony: He treats traditional medical data (blood values, blood pressure, fever) not just as numbers, but as a harmonic whole of a system. By detecting the inconsistency (increase in entropy) between these data early on, AI predicts that “the system will break down” (disease). • **Image Processing and Aesthetic Proportion:** In the analysis of radiological images, it detects microscopic asymmetries (tumors, etc.) in tissues by teaching AI the Golden Ratio in nature and the principles of structural integrity in engineering.

2. Physical Therapy and Rehabilitation Devices (Mechanical Resonance) [1-54]

In this field, it combines the rhythmic structure of music and the kinematic movement of machines:

- **Rhythmic Stimulation:** It programs robotic exoskeletons

Synthesis Table: *The Interpretation of Engineering and Art in Healthcare [1-54]*

The Concept:	Engineering/Science Equivalent;	Art/Music Equivalent;	Application in Health Technology
Frequency	Vibration Rate (Hz)	Note/Sound Pitch	AI for the identification of organ sounds (acoustics).
Resonance	Maximum Amplitude	Sound Harmony	Synchronized operation of robotic devices with the body
Entropy	Thermodynamics Disorder	Cacophony (Noise)	Preliminary detection of disease (disorder) with AI
Tensioning	Mechanical Tension	Wire Tuning	Ideal tension of muscles and tendons in physical therapy

Dr. Emin Taner Elmas’s bioacoustic approach is based on the idea that the body is actually constantly “emitting” and that these emissions (sounds) can be deciphered using engineering methods. Artificial intelligence (AI) acts as a “super-ear” here, capturing and interpreting frequencies that our ears cannot hear. We can delve deeper into the working logic of this system and Elmas’s vision with the following technical details:

1. Acoustic Fingerprinting and Signal Processing (Fourier Analysis) [1-54]

Every function of the body (blood flow, lung expansion, movement of heart valves) produces vibrations in a specific frequency band. • **Engineering Detail:** AI separates the incoming sound signals into frequency components using the Fast Fourier Transform (FFT). Just like a string playing a wrong note (off-key), the spectral analysis of a heart valve friction sound or a wheezing in the lungs detects deviations from the norm (pathologies) within milliseconds. • **Artistic Analogy:** Elmas likens this to an orchestra conductor hearing only one violin playing in the wrong key within a large orchestra.

designed for paralyzed or immobile patients to resonate with the patient’s biological rhythm (walking pace). The device does not just apply force to the patient; it moves in harmony with them, as if “dancing”. • **Vibration Healing (Vibro-Acoustic Therapy):** It uses specific frequencies, like those in binding strings, in devices used to increase bone density or relax muscles. It optimizes how vibrations at specific Hz values improve the thermodynamic balance of the tissue (blood flow and heat transfer) using engineering formulas. • **Ergonomic Instrumentalism:** When designing rehabilitation devices, the aim is to make the device’s contact with the patient a “natural extension,” much like a musician grasping their instrument. This minimizes the patient’s psychological and physical resistance (impedance) to the prosthesis or device.

2. Noise Filtering (Signal/Noise Ratio - SNR) [1-54]

Listening to internal body sounds is difficult because stomach rumbling or external ambient sounds create “noise.”

- **Technical Application:** Dr. Elmas’s mechanical engineering expertise comes into play here; he adapts noise suppression techniques in turbulent flows to AI algorithms. The AI separates the “main melody” (target organ sound) from the noise, reaching pure data.

3. Early Diagnosis Algorithms (Pattern Recognition) [1-54]

Diseases often create changes in acoustic signatures before giving physical symptoms.

- **Cardiovascular Diagnosis:** Atherosclerosis causes blood flow to shift from a laminar (smooth) to a turbulent (turbulent) structure. The “acoustic whistle” produced by this turbulence is detected by AI before the vessel is completely blocked.
- **Respiratory Analysis:** By analyzing micro-rhythm disturbances in cough or breath sounds,

AI “detects” conditions such as COPD or asthma at a very early stage.

4. Bio-Robotic Feedback (Bio-Feedback) [1-54]

These diagnostic models not only passively listen but also provide feedback to the patient. • Harmonious Resonance: If an organ’s frequency is disrupted (diseased), AI-assisted biomedical devices can apply rhythmic sounds or vibrations (vibro-acoustics) to the patient to bring that organ to the “correct frequency.” This is a kind of digital re-tuning of the body. Dr. Elmas’s vision predicts that in the future, stethoscopes will be replaced by smart wearable sensors that instantly listen to the entire “orchestra” of the body and find the “off-key” cell.

CONCLUSION

According to Dr. Emin Taner Elmas’s vision, this technology should create a holistic “acoustic shield” that combines both preventive (at home) and interventional (in surgery) stages of health:

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According to Dr. Emin Taner Elmas’s approach, these two advantages form a complementary “engineering cycle.” This cycle treats health as a “system efficiency” problem:

1. Rapid Diagnosis: Stopping Entropy [1-54]

In engineering, you understand the problem from the change in the sound (vibration analysis) of a machine before it malfunctions. Elmas adapts this to medicine:

- Time Saving: Disruptions in the body’s “acoustic signature” begin long before physical symptoms. Capturing these sounds at home with AI stops the entropy (irregularity) of the disease while it is still in its early stages.
- Economic Benefit: This “pre-tuning” done before going to the hospital reduces the burden on the healthcare system.

2. Zero Errors: Precise Intervention [1-54]

On the operating table, biomechanical data comes into play:

- Dynamic Feedback: When the resistance of the tissue touched by the surgeon and the micro-vibrations it produces are analyzed by AI, the probability of “wrong tissue cutting” is mathematically minimized.
- Robotic Precision: Robotic arms, thanks to the “resonance harmony” highlighted by Elmas, dampen the surgeon’s hand tremor and interact with the tissue in the most harmonious way (like playing an instrument). Result: Holistic Health Engineering

The combination of these systems transforms the human being from a “case” into a living work of art that is constantly monitored and optimized. Rapid diagnosis enables “crisis management,” while surgical precision perfects “technical repair.”

BIOGRAPHY OF AUTHOR

Asst. Prof. Dr. Dipl.-Ing. Emin Taner ELMAS

Asst. Prof. Dr. Emin Taner ELMAS is a Mechanical Engineer having degrees of B.Sc., M.Sc., Ph.D., and was born in Sivas in 1974. He completed his doctorate at Ege University, Graduate School of Natural and Applied Sciences, Mechanical Engineering Department, Thermodynamics



Science Branch, and his master's degree at Dokuz Eylül University, Mechanical Engineering Department, Energy Science Branch. He also completed his undergraduate education at Hacettepe University, ZEF, Mechanical Engineering Department and graduated from the faculty with honors in 1995 and became a mechanical engineer. He was awarded a non-refundable scholarship by the Turkish Chamber of Mechanical Engineers in his 4th year because he was the most successful student during his first 3 classes study at the faculty. He graduated from İzmir Atatürk High School in 1991.

Asst. Prof. Dr. ELMAS has completed his military service as a NATO Officer in Bosnia and Herzegovina. He was a "Reserved Officer" as a "2nd Lieutenant" as an "English-Turkish Interpreter". He was also a "Guard Commander" and served in Sarajevo, Camp Butmir within the SFOR task force of NATO. He has been awarded with 2 (two) NATO Medals and Turkish Armed Forces Service Certificate of Pride (Bosnia & Herzegovina).

In addition to his academic duties at universities, he has worked as an engineer and manager in various industrial institutions, organizations and companies; He has served as Construction Site Manager, Project Manager, Management Representative, Quality Manager, Production Manager, Energy Manager, CSO-CTO, CBDO, Factory Manager, Deputy General Manager and General Manager.

Asst. Prof. Dr. Elmas is Department Head and is an Assistant Professor of Automotive Technology at the Department of Motor Vehicles and Transportation Technologies at Vocational School of Higher Education for Technical Sciences at IĞDIR UNIVERSITY, Turkey. He is also an Assistant Professor of Bioengineering & BioSciences at the same university. He has nearly 30 years of total experience in academia and in industry.

He has served as a scientific referee and panelist for ASME, TUBITAK and many scientific institutions, organizations and universities, including NASA.

He has published numerous international and national academic scientific articles, books, and book chapters, and serves as an editor for international academic journals. He also serves on the scientific committees of many international conferences, publishing conference and congress proceedings and giving presentations.

"Mechanical Engineering, Energy Transfer, Thermodynamics, Fluid Mechanics, Heat Transfer, Higher Mathematics, Evaporation, Heat Pipes, Space Sciences, Automotive, Bioengineering, Medical Engineering Applications, Neuroengineering, Medical Technique" are his academic and scientific fields of study; "Heating-Ventilation Air Conditioning Applications, Pressure Vessels, Heat Exchangers, Energy Efficiency, Steam Boilers, Power Plants, Cogeneration, Water Purification, Water Treatment, Industrial Equipment and Machinery, Welding Manufacturing, Sheet Metal Forming, Machining" are his industrial experience fields.

As of 2026, he has been awarded the Nobel Scientist Award by the international platform organization Scientific Laurels.

Asst. Prof. Dr. Emin Taner ELMAS is also a musician, saz (baglama) virtuoso player and ney (Nay, Turkish Reed Flute) performer. He plays also cümbüş instrument and performs darbuka rhythm instrument. He has a YouTube Music Channel (Emin Taner ELMAS) which includes some of his sound recordings of him playing the saz-baglama and blowing the ney. He composed the poem written by the great poet Âşık Veysel ŞATIROĞLU under the name of "Raşit Bey" in memory of his father Judge (Hâkim) Raşit ELMAS as "Raşit Bey Türküsü", wrote it down, notated and published it as an academic article and broadcasted this song on his own music channel. He wrote the poems entitled "Canım Babam" and "Geldim Babam" which he wrote also in memory of his father and published in an academic literature journal, and composed instrumental musics for these poems. He also composed an instrumental song called "Annem Annem Türküsü" and gave it to his mother, Lawyer Tuna ELMAS, as a gift on Mother's Day, 11.05.2025. He also has a poem titled "Ney and Neyzen." He also wrote and presented a poem titled "Esra Kardeşim" to his sister, Esra ELMAS, an archaeologist and English teacher. He has published books including "Saz-Bağlama Tuning System Method" ("Saz-Bağlama Akort Sistemi Metodu") and "Ney and Neyzen; Ney's Pitches, Frets, Sound Stages, Octaves, Structure, Performance, Ney Maintenance and Basic Music Theory" (Ney ve Neyzen; Ney'de Perdeler, Ses Devreleri, Oktavlar, Yapısı, İcrası, Ney Bakımı ile Temel Musiki Nazariyatı) and My Collection of Literary and Musical Art Works – I Story

/ Anecdote / Essay / Poetry / Verse / Prose / Humorous; witty - satirical; poetic stories / Lyrics / Composition (Edebiyat ve Musiki Sanat Eserleri Külliyyatım - I Hikâye / Anekdote / Deneme / Şiir / Manzume / Nesir / Mizahi; nükteli - hicivli; şiirsel hikâyeler / Güfte / Beste). He continues his artistic studies by writing various articles, books, poetry, lyrics and also realizing musical composition and repertoire works.

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