

1 The following topics by Gary S. Tong, are functions and phenomena of all which with a
2 few exceptions are governed by the single factor of glottoregulation, q.v.

3 Language

4 (Lg) A proof of hard wiring of grammar that was advanced by N. Chomsky

5 (Lg) The general basis of articulation of language and of specific languages something
6 that has never been known

7 (Lg) What is a syllable? It has been claimed impossible to define, but now it is
8 successfully achieved and it is far from what has intuitively been surmised

9 (Lg) The General Lingual Matrix – a universal tool which systematizes grammar,
10 vocabulary and cognition in language

11 (Lg) The remarkable mechanism which produces all other phonemes from three
12 particular phonemes by permutations of a 3x3 lingual matrix

13 (Lg) (Physics) Linguistics has never employed an engineering tool, the center of mass to
14 study synergistic forces in speech to understand complex muscular actions

15 (Physio) (Mind) The center point and its surrounding field – an engineering element
16 essential in synergistic studies

17 (Lg) (Physiology) Cymatics/tegulation or the lingual wave mechanism that rules
18 language flow, structure and word creation

19 (Lg) The effect of climate on speech, rectification an overblown paper by Ian
20 Maddieson

21 Biology

22 (Bio) Glottoregulation – Explanation of an axiomatic function underlying and regulating
23 all body movements

24 (Biol) (Mind) The observable organization of body-mind as built on glottoregulation, its
25 mechanism and central organ of control

26 (Bio) The reason for yawning – a physiological explanation finally offered

27 (Biol) The first rigorous, demonstrable and testable hypothesis for the origin of bird
28 flight

29 (Biol) The source of insect flight – another first: a case of a mechanical sound vibrator
30 combined with signaling appendages

31 (Biol) (Physio) (Monosoma) Bodily kinetic differences between the major racial
32 ethnicities

33 (Bio) The developmentally disrupted congruence of layers of gastrulation can be
34 reconstructed by glottoregulation to reveal systemic characteristics of the body

35 (Bio) An original confirmable explanation of the source of human bipedality based on
36 two existing functions

- 37 (Biol) (Mind) Music and art – the synesthetic mechanism – how sounds and sights
 38 engender sensations in the body and mind
- 39 (Bio) (Cognit) The tongue is both horizontally and axially divided into three parts each
 40 division reaching differently into articulation, the mind and cognition, related to line 53
- 41 (Biol) (Mind) (Physio) The Upper Visceral Body – a so far unrecognized organ arising
 42 from vertebrate evolution
- 43 (Bio) The unexpected behaviors in conceptualization and articulations of the numbers
 44 3, 6, and 9, otherwise claimed by N. Tesla to be the key to the universe
- 45 (Biol) (Mind) The geometrical structure of the mind-body – cf. geometry itself built into
 46 to the body and mind, cf. sports, billiards, archery, (even) archer fish
- 47 (Biol) (Physio) Mirroring- a tool present in many more actions than usually assumed, a
 48 the means by which infants learn speech, not by imitation
- 49 (Biol) The artist's eye – what is it and how to obtain it
- 50 (Bio) (Physio) (Gender) A chief musculoskeletal source of differences in movements of
 51 males and females
- 52 (Biol) (Monosoma) Why the ancient Greek golden rectangle is meaningless to us

53 Physiology

- 54 (Physio) The physiological function of **alternation** – a ubiquitous source of central
 55 control in the biological mechanism found in human and other creatures
- 56 (Physio) (Mind) (Evolution) Monosoma: all parts of body and mind constitute one
 57 physical and mental mechanism – with numerous examples, e.g, arms extended up
 58 opens palms, arms pointing down close palms, crossing the eyes stops thinking, North
 59 Europe dance with pointed toes, Southern Europe and Asia dance flat footed, etc.
- 60 (Physio) Perception of and pointing to geomagnetic poles can be now be demonstrated
- 61 (Physio) (Monosoma) (Mind) The three dermatomes of the head – entering three mental
 62 states: directed externally, on attention and inwardly
- 63 (Physio) (language) The ontology of speech in infants – supplanting McNeilage's
 64 frame/content theory
- 65 (Physio) The mechanism of feeding – a detailed account so far incompletely presented
 66 by research
- 67 (Physio) The h n m nodes are three lingual centers of mass which connect to physical
 68 and mental functions
- 69 (Physio) Gesticulation – Why it exists and its role in speech production
- 70 (Physio) (Ergonomics) (Cognition) – Glottoregulation and use of the geomagnetic field
 71 to assist movement
- 72 (Physio) Triplicities in the body and mind – it was never expressed that great many (at
 73 least 150) organs and tissues are tripartite, a fact that reaches into cognition

74 (Physio) Why do we enjoy rhymes?

75 Mind, meditation

76 (Mind) (Biol) Combining elements of Western and Eastern sciences mutually

77 complement both – Western science can supply scientifically supported explanations of

78 many yogic and meditative behaviors and can enable bodily and mental control

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80 Technology

81 (History) (Technology) The accidental invention of the wheel, not as usually assumed to

82 be a conscious act