

Venue:	Doody's Book Review Service
Title:	Book Review: Tongue image analysis, David Zhang, et al.
Date:	2017
Type:	Book Review
Author(s)/ Presenter(s):	Barbara Gosse
Abstract (or Book Review):	<p>Description</p> <p>This is an in-depth evaluation of the science and development of technology that is proposed as a method of consistent data collection in tongue image analysis while using one of the four pillars of diagnosis in Traditional Asian Medicine. The book is a collection of proposed algorithms for assessment based on extensive scientific and mathematical calculations.</p> <p>Purpose</p> <p>This is an in-depth analysis of tongue diagnosis based on a proposed standardization of assessment using developed technology that has been intricately researched and vetted. Overall, this is a worthy endeavor. The authors detail the mathematics of tongue mapping as well as the technological parameters developed.</p> <p>Audience</p> <p>All those interested in the science of Traditional Asian Medicine are an appropriate audience. The authors went to great lengths to illustrate the complexity and knowledge they possess on the topic.</p> <p>Features</p> <p>The authors describe in depth the scientific analysis of tongue mapping that includes the shape, motility, thickness, color, and particular areas of pathological changes of the tongue body, as well as where the tongue sits in relationship to the structure of the face. It also addresses the mathematical science around the tongue coat, color, thickness, and location. The authors propose the use of algorithms they have developed and technology that includes a detailed analysis of all parameters of the tongue in its relationship to the technological tools that they believe provide the most consistently accurate analysis of the science of tongue diagnosis. The book is very interesting, though it takes some time to thoroughly understand all of the details.</p>

Assessment

This is a scientific and mathematical presentation of what the authors believe is one of the most consistent data collection methods for tongue diagnosis. The concepts are complex and most appropriate and useful for scientists, engineers, and mathematicians who develop tools for scientific replication and consistency. This is a one of a kind presentation.