A Social Semiotic Approach and a Visual Analysis Approach for Chinese Traditional Visual Language: A Case of Tea Packaging Design

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Abstract—the theoretical framework of visual analysis blends approaches to analysing packaging, social semiotic analysis and Chinese semiotic analysis. A package of Chinese West Lake Dragon Well tea is an example of a physical object that communicates social meaning related not only to the product itself but also to Chinese culture. To have a better understanding of social meaning for traditional Chinese visual language on contemporary tea packages, this study considers visual social semiotic theories and Chinese visual design semiotic analysis theories that provide insights into the meaning of visual elements of packaging by understanding the signs used in this packaging. Furthermore, there is diversity in understanding of these packaging elements due to language, culture and expertise. It is also useful to draw on packaging analysis theory, which facilitates the identification of traditional and contemporary design elements. This study identifies the representations of traditional cultural symbols used on the bestselling contemporary tea packages in China and provides a way for contemporary tea packaging designs to be analysed. It provides one answer for the question: "How can traditional symbols be interpreted as cultural meaning?"

Index Terms—visual analysis, semiotics, traditional Chinese visual language, visual communication design

I. INTRODUCTION

Cultural practices have been dramatically influenced by globalisation and the preservation of cultural identity has become a major issue impacted by the rapid growth and development of information technology.

Traditional Chinese symbols and patterns, as the key elements of traditional Chinese visual language developed over the past 5000 years of Chinese history, are the core components of visual culture in China. Cultural symbols, with their rich content and diversity, form a unique traditional language that visually conveys cultural significance and connotations in the way of auspicious Chinese culture (Li, 2015). They form an effective vehicle to shape not only the Chinese national culture and spirit but also an ideology, culture and reflection (Peng, 2013; J. Zhou, 2006).

Chinese visual communication scholars including Zhang, Liu and Liang (2015) and Chinese design pioneers and leaders in visual communication design, Kan Tai-Keung (2012) and Liran Li (2013), have argued that for designers to understand traditional symbols which are rich in cultural heritage and unique to their region, they must increase their self-examination and confidence. This represents a challenge in the face of an ever-expanding context of contemporary visual communication design (VCD) that is influenced by other visual cultures, for example, Western approaches. In response to the impact and fusion of those global cultural influences, a shift is emerging in Chinese culture towards the preservation of unique cultural identities including traditional Chinese visual language from traditional Chinese culture that is prevalent in daily life.

The book "Traditional Chinese visual design elements" (Ren, 2013) and "Chinese art: a guide to motifs and visual imagery" (Welch, 2013) have addressed the most representative traditional artefacts such as Chinese jade, fans and paper-cuts, including the traditional Chinese identity within contemporary contexts. However, these researchers have not utilised a semiotic approach and Chinese visual design semiotic analysis, and this gap has resulted in scholarly findings that are not easily interpreted and implemented by designers in practice. This points to a gap for scholars and

practitioners focusing on analysing and interpreting Chinese symbols into contemporary packaging design. This study investigates this process in the context of Chinese tea packaging design, which offers a unique blend of cultural values embedded in the daily practice of tea drinking in China and of its global market position, creating a rich context for the study of how traditional Chinese visual language manifests in the contemporary global settings. To achieve this, the study proposes a methodology that brings social semiotic approach and formal visual analysis to assist understanding of the cultural meaning of traditional symbols from theory to practice. This study contributes to the field of the social semiotics of Chinese culture and VCD by analysing traditional Chinese symbols from contemporary bestselling tea package.

II. THE THEORETICAL FRAMEWORK OF VISUAL ANALYSIS

TABLE I
THEORETICAL FRAMEWORK OF ANALYSING PACKAGING

Analysing Packaging						
Materials	Textures	Shape	Colour	Writing & typography	Iconography	
Wood	rigidity	front & back	dimensions	brand & product name	objects	
glass	relief	vertical & horizontal	brightness	callout	settings	
carton	regularity	curvature & angularity	saturation	sell copy	persons	
paper	naturalness	opacity	purity	mandatory copy	emblems	
plastics	viscosity	size	modulation		stylisation	
metal	liquidity		colour range			

The theoretical framework for visual analysis blends approaches of analysing packaging, social semiotic analysis and Chinese semiotic analysis. The first approach for analysing packaging is chosen from the book "Doing visual analysis from theory" to practice by Per Ledin and David Machin (2018). It is a handbook of visual analysis for packaging in visual communication which includes six aspects: material, textures, shape, colour, iconography, writing and typography. The authors created Table 1 and listed these six aspects.

TABLE II
THEORETICAL FRAMEWORK OF SOCIAL SEMIOTIC ANALYSIS

Social Semiotic Analysis of Visual Communication					
Representational Mean	ing	Interactive Meaning	Compositional Meaning		
Narrative structures	Narrative structures Conceptual structures		Information value		
	Classification structures	Distance	Framing		
	Symbolic structure	Point of view	Salience		
	Analytical structure		Modality		

Table 2, also created by the authors, is a social semiotic analysis of a visual communication approach. Social semiotic analysis can be a tool for interpretation of images and other forms of visual communication. It can be used to create meaning and detailed practices for analysing meaning arising from the integrated use of those resources in communicative artefacts and events (O'Halloran, 2011). Kress and van Leeuwen (1996) identified social semiotic analysis including representational meaning, interactive meaning and compositional meaning. Also, there are two kinds of patterns which can be found in representational meaning: narrative representations and conceptual patterns. Three kinds of structures – classification structures, analytical structures and symbolic structures – are involved in the conceptual pattern. Both Table 1 and Table 2 are from a Western visual communication analysis.

TABLE III.
THEORETICAL FRAMEWORK OF CHINESE SEMIOTIC ANALYSIS

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Chinese Visual Design Semiotic Analysis					
Chinese Visual Langua	Cultural Meaning				
Traditional	Contemporary	Pun			
Motifs	Motifs	Pronunciation			
Chinese characters	Chinese characters	Homophonic			
Water-ink elements	Water-ink elements	Rebus			

Table 3, created by the authors, shows a Chinese visual design semiotic analysis. It is an approach to help readers to understand the context of Chinese visual language and its cultural meaning.

III. THE TENSIONS OF SEMIOTICS BETWEEN GLOBAL AND CHINESE

Signification is much more meaningful for Chinese people. The traditional Chinese symbols are not only the part of the decorative visual language but also the form of symbolism with cultural meaning. For practitioners of Chinese visual communication, it is essential to understand the cultural meaning of traditional symbols to effectively transfer traditional Chinese visual language (TCVL) in visual communication. Semiotics is the study of meaning-making for signs and symbols. In this section, a review of global semiotics and local Chinese semiotics is conducted.

Semiotic analysis explores the meaning behind visual patterns and symbols. Therefore, people need an approach to understand the symbolic meaning behind these traditional visual motifs. Semiotics is an essential tool to help people understand the complexity of relevant cultural signification in the Chinese setting. It is very important to interpret the global and Chinese perspective of cultural meaning.

A. Global Perspective of Semiotics

Panofsky (1983) claims meaning is a necessary part of a social construct that cannot be separated from visual art. This argument is supported by Eco (1976) and Hoopes (1991) who state that a sign is anything that stands for something else, which means a sign symbolises an object or a concept. The Swiss linguist Ferdinand de Saussure, known as the father of semiology, explains a signifier as the marriage between a sound or an image, and the signified as the concept for which it stands (Smith, 2006). As Saussure was developing his ideas of semiotics, American Charles Peirce concluded the existence of an object in stimulating the signification (Gottdiener, 1994), and explained a three-part model of the sign, index, and object (Smith, 2006) that is similar to Saussure's concept. Moreover, Saussure's concepts of signifier and signified have been extended by the semiologist Roland Barthes (1996) and cultural studies theorist Stuart Hall (1999) to include denotation and connotation. Denotation is the direct description or representation of a sign. Connotation means what the object symbolises on a subjective level. Although Saussure's concepts have been expanded many times over the past decades, they are still widely used in modern visual communication (Jewitt & Van Leeuwen, 2010). Saussure's semiotic theoretical framework can be seen in Figure 1.

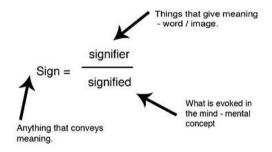


Figure 1. Saussure's Semiotic Framework

Similarly, in the context of Chinese cultural perspective, Saussure's model is also accepted by Chinese cultural communication scholars. The theories, principles and practices of semiotic analysis developed by Saussure have impacted Chinese visual analysis (Figure 2) in the following ways:

- 1). The theory of signifier in the Chinese visual setting is an image, a sign or an object.
- 2). The theory of signified in the Chinese visual setting is to understand the symbolic meaning of TCVL. The meaning of traditional Chinese symbolism is different from Western theory and was created by the ancient Chinese from pronunciation, pun and rebus (a riddle about a character). In this project, applying this theory can answer the research question: "How do professional designers interpret the symbolic meaning of TCVL used on contemporary tea packaging?" This study investigates the transition of TCVL and its cultural meaning as design elements for contemporary VCD.

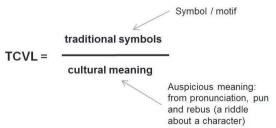


Figure 2. Chinese VCD semiotic framework, 2016. Hu.

B. Development of Chinese Semiotic Framework

In the global history of cultural meaning, the development of Chinese semiotics is very recent. The Chinese perspective on cultural meaning comes from religion and nature. Chinese scholars believe that each artefact or design work, with traditional Chinese patterns, carries a specific meaning that has remained unchanged since ancient times (R. Cui & Gao, 2006). Traditional Chinese symbols comprise an entire code of signs, which communicates very specific messages to people living in contemporary China. A well-known example of this code of signs is the pattern of the bat with clouds on an ink stone (Figure 3). Bat (fu 蝠) shares the same sound as the wish for "good fortune, happiness" (fu 畐). Clouds (yun 畐) is a homophone of "good fortune". In Chinese art culture, bats are almost invariably depicted

flying in or around stylised clouds, and these patterns are found everywhere: on furniture, embroidery and especially on inkstone. Inkstone is one of China's four treasures of study. The four treasures of study is an expression used to refer to the ink brush, inkstick, paper and inkstone used in Chinese calligraphy and painting. Some meanings of traditional Chinese symbols may play on a Chinese character's pronunciation, pun and rebus, while others are based on the resemblance of an object's traits (Leong & Clark, 2003).



Figure 3. One of China's Four Treasures of Study: Inkstone with patterns of bat and clouds

Semiotics theory was not introduced into China until the 1980s. The acceptance of global semiotics by Chinese scholars can be divided into three stages (see Table 4) (Yan & Zhang, 2010). When semiotics was first introduced to China, it was used mainly for linguistics. The second stage (the 1990s) of semiotics is beyond the scope of linguistics. In this stage, semiotic theories can be used in many other fields such as communication, arts, and architecture, etc. In the third stage (the 2000s) Chinese scholars established their own Chinese semiotics due to their unique and rich cultural heritage. It is an essential criterion of evaluation to help readers understand the complexity of relevant cultural signification in the Chinese setting. Table 4 shows the milestones of Chinese semiotics and summarises different social feature in three stages.

TABLE IV.
MILESTONES FOR CHINESE SEMIOTICS

Stage	Time	Referring Fields	Introduction & Translation of Western Books	Features of that Stage
Stage I the origin	1980s	Linguistics	Ernst Cassirer An essay on man: An introduction to a philosophy of human culture Roland Barthes Elements of semiology	Introduction of the main ideas of Western semiotics, the general discussion and study of semiotic theories.
Stage II the development	1990s	Chinese & Foreign Literature, Pedagogy, Arts & Communicat ion, Law, Architecture, Folklore etc.	Roland Barthes Empire of Signs Eco Umberto Semiotics and the Philosophy of Language, A theory of semiotics AJ Greimas Structural semantics: An attempt at a method	I. In-depth study for theory of semiotics and linguistic semiotics. Ancient Chinese culture and philosophy began to be valued at this period. Semiotics as a methodology has been applied to specific linguistic studies such as semantics, rhetoric and concrete language phenomena and foreign language teaching.
Stage III carry out in an all-round way	2000s	All fields	L Van Lie The ecology and semiotics of language learning: A sociocultural perspective	Chinese Society of Logical Semiology & Chinese Society of Linguistics and Semiology were founded in 2000s. A large number of articles about semiotics. Semiotic theory is more widely used in comparative study between Chinese and foreign literature.

Semiotic analysis can be used effectively in the design field to interpret the meaning of traditional visual symbols. In this project, the signifier and signified of Saussure's semiotics concept is a theoretical lens to decode meaning and signification during the transition of these traditional symbols into the contemporary design.

IV. CONTEXTUALISING THE RESEARCH IN SOCIAL ENVIRONMENT: CHINESE TEA LORE

A. The Accessories and Environments

The practice of tea culture with relevant accessories such as jewellery, porcelain and environments has been beneficial in heightening the social accomplishments and appreciation of art for people. Chinese tea art has always been associated with traditional Chinese instruments (music), traditional Chinese painting and calligraphy, tea "pets" and some traditional Chinese jewellery collections such as jade, amber, Buddhist beads and bracelets (Su, 2013). A tea pet is a small ceramic craft object that is appreciated (collected) by tea drinkers for good luck. The tradition is that leftover tea is often poured over the tea pet so that its appearance will become glossier and enhance the aroma of the tea. Also, a

Chinese proverb is 茶以养性, 玉以修身 which means "tea can cultivate one's moral character while jade can mould one's temperament". That is why so much Chinese jewellery and porcelain is often placed on the shelves in a traditional teahouse. As a practice of daily life, Chinese tea tasting has an immensely close relationship with traditional Chinese culture. It is believed that the art of tea drinking takes the spirit and wisdom of human beings to a higher orbit.

B. Bestselling Chinese Green Tea: West Lake Dragon Well (Xihulongjing)

This Chinese tea package shown in Figure 4 is West Lake Dragon Well (Xihulongjing). It is the bestselling green tea from West Lake in Hangzhou, Zhejiang Province, China. The price of this 250-gram authentic Longjing tea is around AU\$40. It has a soft, lush, toasty, nutty aroma, and a full liquor straw colour tending towards amber, with a tea-oil sheen. In its hand-wrapped craft-paper packaging with a bright ribbon belt, the whole tea package represents a traditional Chinese gift for tea consumers. This visual artefact will be examined from four sides of its package, and it will be discussed in three aspects: analysing packaging, social semiotic analysis of visual communication, and Chinese semiotics based on the theoretical frameworks discussed in section II.

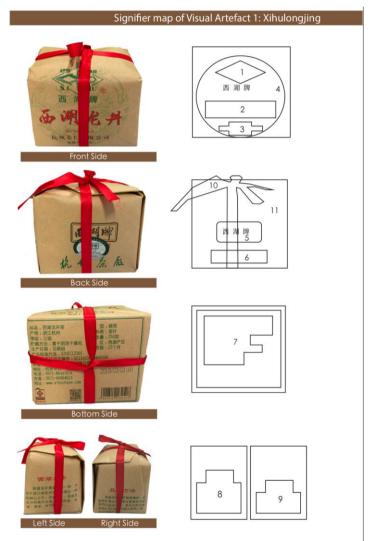


Figure 4. Signifier map of Xihulongjing

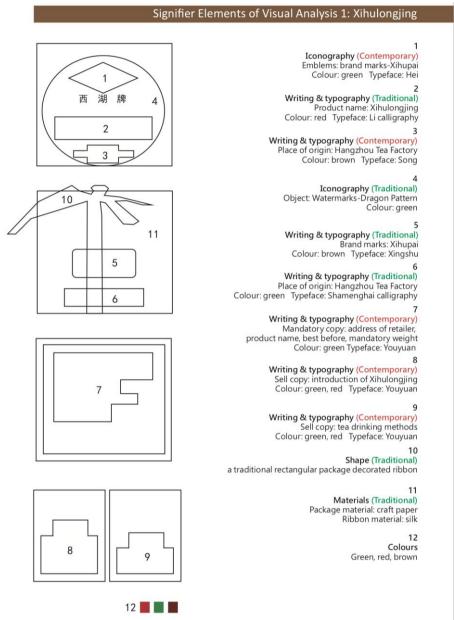


Figure 5. Signifier elements of Xihulongjing

C. Analysing Packaging

Materials: As a packaging material, paper always can be associated with more traditional handmade artefacts and can give consumers a heightened impression of fragility (Ledin & Machin, 2018). Xihulongjing green tea is hand-wrapped in a heavyweight 250-gram craft paper, which can suggest portability. Similar packages of products are wrapped and tied with string in provedore shops for customers to place in their carry baskets.

Textures: the rigidity of the surfaces of the product is not resistant and they can give more or less to the touch. The surface of this tea package is softer and feels less stable. The "organic-ness" and "communicating crispness and freshness" enhances the customer's subconscious experience of "being" in a provedore shop even when the package is on a shelf in a general shopping supermarket. "Textures can also communicate naturalness or artificiality" (Ledin & Machin, 2018). This rough craft paper appears more natural that is associated with ancient Tang dynasty packaging style.

Shape: the shape of Xihulongjing is a three-dimensional rectangular package decorated with ribbon. The ribbon is not just a decoration; it is a very important signifier that, as mentioned in the social semiotic analysis, represents a gift context. Front and back package is important. The front and back can be associated with the face of the product and the back side of the product head (Ledin & Machin, 2018). The primary display panel includes colours, traditional symbols and typography which have come together, not least to emphasise the brand name – '西湖龙井' Xihulongjing.

Colour: Colours have a serious association from empirical metaphors, including people's experiences of life and culture (Gage, 1993). The literature notes "package colours as a means of attracting attention, creating aesthetic

experiences, and delivering communication" (Kauppinen-Räsänen & Luomala, 2010). The packaging colour of Longjing tea represents light brown with a red ribbon that appeals to consumers' attention. "For many cultures red is both death and life – a beautiful and terrible paradox." (Finlay, 2007). The red colour for this font of product name Xihulongjing can be used on the front of the package to suggest power and give the product name. "Historically pure colours have been associated with truth, order and simplicity" (Ledin & Machin, 2018). On this packaging, the brand name (logo), callout and mandatory copy all use highly pure-green colour to communicate an organic and healthy impression.

Writing & typography: in this package, typography is a crucial part of the product. The product name "Xihulongjing" uses traditional Chinese calligraphy and a bold font with weight, giving emphasis, given positive qualities in order to sell. The text "Xihu" (in English "west lake") brand is placed below the logo with smaller Hei theme font to help customers be impressed with this brand. The Xihulongjing has two separated callouts with colours, to the left side about the introduction of green tea – Xihulongjing – and to the right about tea drinking being recommended by tea makers. A mandatory copy is copy enforced by law, which explains ingredients, producer and the obligatory address of the retailer in the bottom side.

Iconography: Western packaging design relies on iconography to assist in communicating added meaning along with the product description. Such strategies of iconography include abstract design, icons and photography. In this packaging design, a transparent imaginary animal – dragon pattern – is placed on the front side of this package as a kind of object we find on a design. Its semiotic meaning is analysed in the next section.

D. Social Semiotic Analysis

1). Representational Meaning: representational meaning conveys the depiction of abstract or concrete participants (Jewitt & Van Leeuwen, 2001). It divides the representations into two structures: the narrative structure and the conceptual structure. The narrative structure involves ongoing actions or kinds of relation, in which vectors, either real or imaginary, represent actors. Conceptual structures represent actors being something or meaning something, or belonging to some category, or having certain characteristics. There are three kinds of conceptual structures: classification structure, symbolic structure and analytical structure (Jewitt & Van Leeuwen, 2001).

According to Van Leeuwen and Jewitt's definition, the packaging of Xihulongjing is a kind of conceptual structure, and thus the following discussion focuses on the conceptual process. In the classification structure, the visual participants from the packaging of Xihulongjing are realised in an equal and symmetrical composition. The centre text Xihulongjing is Chinese calligraphy and shade and positions between the left side and right-side callout are virtually equal. Therefore, the participants of brand name, product name, logos and iconography are together used to represent the whole appearance of the tea packaging of Xihulongjing.

In the analytical structure, participants are involved with each other regarding a part-whole structure, namely, the carrier (the whole) and possessive attributes (the part). In this packaging, the product name Xihulongjing is the carrier, which is the focus for the reader. The other components of this package are the possessive attributes. The brand name Xihu with an icon and callout "since 1949" are used to stand for its distinguishing brand identity.

Symbolic structures are implied for the identity or symbolic meaning of a participant. It consists of two kinds of participants: one participant (acting as a carrier) is identified by another participant (symbolic attribute). In this package, the brand name Xihu 西湖牌 directly uses the pattern of the West Lake Broken Bridge as a sign to provide an emphasis on its product name Xihu – the West Lake. The imaginary totem-dragon pattern stands for the Chinese character 龙 dragon, where it comes from its product name Xihulongjing. Traditional Chinese calligraphy combined with Chinese Pinyin Xihu also shows that this product aims to secure recognition and popularity among the local Chinese people.

- 2). Interactive Meaning: images or objects can build particular relations between the world inside the picture frame or objects themselves and the viewers. Three key factors are involved in the realisation of interactive meaning: distance, contact and point of view. "In everyday interaction, the norms of social relations determine the distance we keep from each other" (Jewitt & Van Leeuwen, 2001). Images can keep things, places and people close to the viewer at arm's length. These require perception and experience from consumers. In this context, when consumers across the store at a distance see the bright red ribbon tied around the package, this package may bring the consumers closer to it. In other words, it is also a design strategy used to bring this product to consumers. The analysis of the tea packaging is focused on the ribbon and craft paper. The wrapping with craft paper and tying up with red ribbon can establish a contact with viewers' consciousness. Consumers may consider this tea package as a gift while they open it and it establishes a relationship with viewers closer to nature.
- 3). Compositional Meaning: compositional meaning refers to "the way in which the representational and interactive elements are made to relate to each other and the way they are integrated into a meaningful whole" (Kress & Van Leeuwen, 1996). Compositional meaning includes three sources: informative value; framing; and salience and modality.

Informative value is achieved through the placement of elements of a composition. The left-right arrangement is a 'given-new' information structure. The top-bottom structure embodies 'ideal-real' information. The centre-margin composition provides 'important-less' information (Kress & Van Leeuwen, 1996). In this package, the brand name is put at the top of the front side while the tea manufacturer's name is placed at the bottom, indicating that the brand name Xihu is ideal and salient while the manufacturer's name is more real and less salient. It is reasonable to place its product

name Xihulongjing in the spotlight to stress its specific place of origin, the West Lake, and its green tea identification, Longjing. Compared with the centre text, the manufacturer's name is marginal. Scale and hierarchy are creative fundamentals to signal design elements visually. "Scale is often used to help communicate hierarchy by drawing attention towards and away from certain elements, thus signifying their importance to the communication" (Stribley, 2018). The centre transparent dragon pattern uses a scaled-up dragon as a salient traditional symbol, which helps it attract viewers' attention and focus more easily and signifying 龙井 dragon-green tea.

Framing indicates that elements of a composition can either be given separate identities or represented as belonging together. The Rule of Thirds is a fundamental guideline that is simple and effective. It can divide the image into three rows and three columns. According to this rule, the focus point of an image should be placed "along one of the third lines or on one of the four intersections of the third lines, to give aesthetically pleasing results" (Amirshahi, Hayn-Leichsenring, Denzler, & Redies, 2014). In this package, the Rule of Thirds is the basic framing and connects all the packaging design elements. In Figure 6, the focal points (product name 西湖龙井 and brand marks) are entirely aligned with the grid created by the Rule of Thirds.

Salience refers to different degrees to which elements attract the viewers' attention, which can be achieved through size, sharpness of focus, tonal contrast, colour contrast, perspective and it is also affected by the cultural difference (Kress & van Leeuwen, 1996). In this package, Xihulongjing takes the calligraphy of "Mao" and boldface with red colour, and at the same time, the rest of the text and logo uses green colour. Red and green are contrasting colours. Modality is often connected with reality or fiction, credibility or incredibility. In this tea context, the abstract dragon pattern is an unreal imaginary symbol.

E. Chinese Semiotic Analysis

Chinese visual language and cultural meaning: in this package, the main TCVL is a transparent imaginary pattern – dragon (See Figure 6). The highest-ranking animal in the Chinese animal hierarchy is the dragon and it also has a high social status in modern Chinese society. The Chinese dragon is a powerful and imperial symbol in Chinese culture, with supposed control over the sky, ocean, mountain and watery areas. In ancient China, emperors were identified as the sons of the dragons, and at that time, ordinary people were not allowed to own any item with symbols of dragons on them. The product name Xihulongjing takes a traditional calligraphy writing style with red colour. The red ribbon is not only a functional string to tie up the wrapped package, but is also a decorative signifier to attract consumers' attention. Red is the ultimate Chinese symbol of happiness and is thus used relating to festive celebrations and special occasion such as the Chinese New Year. Chinese people believe that red has magical powers against evil.



Figure 6 signifier elements of Xihulongjing

V. CONCLUSION

Blending the theoretical framework of analysing packaging, social semiotic analysis and Chinese visual design semiotic analysis, this article has discussed the tensions of semiotics between global and Chinese. The study has also analysed materials, textures, shape, colour, writing and typography, the iconography of its package, the representational, interactive and compositional meaning of its package, the Chinese visual language and the cultural meaning of this tea package. According to Chinese visual design semiotic analysis approach and social semiotic approach, traditional calligraphy and the motif of an imaginary dragon are the major Chinese visual language used for this package. Unfortunately, the package designer did not pay much attention to the design composition. Although the front uses the Rule of Thirds for its basic composition, the designer of this package had not clearly distinguished these two elements at all.

Moreover, the designer has not considered the consumer's cultural background and blended Chinese visual elements such as calligraphy and a dragon symbol during the design process. Brand marks have been superimposed on the dragon pattern and directly posted on its package. The designer of this package had not distinguished these two elements at all

but has treated them equally. Overall, it is aiming for a more traditional approach but has not succeeded. However, due to the lack of contemporary visualisation method, the relationship between traditional Chinese symbols and contemporary visual communication design is still on an exploratory stage.

TABLE V.
THEORETICAL FRAMEWORK OF SOCIAL SEMIOTIC ANALYSIS

Tea Name &	Manifestations	Traditional	Contemporary	Relationships	Interaction & Dynamics	Implications
Thumbnail		Elements	Elements	between	between Traditional &	
Images				Traditional &	Contemporary	
				Contemporary		
West Lake	Iconography:	4. Dragon	1. Brand marks	Traditional and	Brand marks superimpose	The
Dragon Well	(Motifs)	patterns	Xihupai.	contemporary	on the dragon pattern and	watermarks
			Modern logo	have been layered,	directly post on its	(dragon
	Writing &	2. Product	Place of	but lack of	package. The designer of	pattern) mean
	Typography	name: Xihu	origin	contact.	this package had not	the ownership.
	(Chinese	Longjing in	Mandatory		distinguished these two	
	Characters)	calligraphy	copy		elements at all. Designer	
		Brand marks:	8. Sell copy		treated them equally.	
		Xihupai	Sell copy		Neither one granted or	
	Water-ink	6. Place of			given more value than the	
	elements:	origin:			other. Overall, it is aiming	
		Hangzhou			for more traditional, but	
	Others:	10. Shape:			does not succeed. The	
		traditional			whole package is blurry,	
		rectangular			unclear, and treated the	
		package			same.	
		decorated				
		ribbon				
		11. Materials:				
		craft paper with				
		ribbon silk belt				

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REFERENCES

- [1] Amirshahi, S. A., Hayn-Leichsenring, G. U., Denzler, J., & Redies, C. (2014). Evaluating the rule of thirds in photographs and paintings. *Art & Perception*, 2(1-2), 163-182.
- [2] Cui, R., & Gao, W. (2006). Interpretation of the Folk Costumes Folk meaning in embroidered patterns. *Journal of Textile*, 27(5), 101-103.
- [3] Eco, U. (1976). A theory of semiotics (Vol. 217): Indiana University Press.
- [4] Evans, J., & Hall, S. (1999). Visual culture: The reader: Sage.
- [5] Finlay, V. (2007). Colour: A natural history of the palette: Random House Trade Paperback. New York.
- [6] Gage, J. (1993). Colour and culture. In T. Lamb & J.Bourriau (Eds.), *Colour: Art and science* (175-193). Cambridge: Cambridge University Press.
- [7] Gottdiener, M. (1994). Semiotics and postmodernism. In *Postmodernism and social inquiry*, ed. D.R. Dickens and A. Fontana, 155-181. New York: Guilford Press.
- [8] Gray, C. (1996). Inquiry through practice: developing appropriate research strategies. No guru, no method, 1-28.
- [9] Hoopes, J. (1991). Peirce on signs. In: Chapel Hill: The University of North Carolina Press, London.
- [10] Jewitt, C., & Van Leeuwen, T. (2010). Handbook of visual analysis: Sage Publications, London & California.
- [11] Kan, T.-k. (2012). The combination of traditional culture and modern communication design. Postmodernism, 11(4), 37-66.
- [12] Kauppinen-R äs änen, H., & Luomala, H. T. (2010). Exploring consumers' product-specific colour meanings. *Qualitative Market Research: An International Journal*, 13(3), 287-308.
- [13] Kress, G. R., & Van Leeuwen, T. (1996). Reading images: The grammar of visual design: Psychology Press, London.
- [14] Ledin, P., & Machin, D. (2018). Doing Visual Analysis: From Theory to Practice: London: Sage, Los Angeles & London.
- [15] Leong, B. D., & Clark, H. (2003). Culture-based knowledge towards new design thinking and practice—A dialogue. *Design Issues*, 19(3), 48-58.
- [16] Li, M. (2015). Traditional Patterns in the Chinese Contemporary Graphic Design. Jiangsu Vocational and Technical College (4), 39-43.
- [17] Merleau-Ponty, M., Lefort, C., Carman, T., Landes, D. A. (2010). Phenomenology of Perception. London: Routledge.
- [18] O'Halloran, K. L., Tan, S., Smith, B. A. & Podlasov, A. (2011). Multimodal Analysis within an Interactive Software Environment: Critical Discourse Perspectives. *Critical Discourse Studies*, 2,109-125.
- [19] Panofsky, E., & Drechsel, B. (1955). Meaning in the visual arts (p. 55). Chicago: University of Chicago Press.
- [20] Peng, L. (2013). Research of Chinese traditional auspicious patterns. Art Space Write Magazine (Yishukongjian and Zuojiazazhi), 9, 251-252.

- [21] Ren, L. (2013). Traditional Chinese Visual Design Elements. Arizona State University.
- [22] Smith, L. (2006). Uses of heritage: Routledge, London.
- [23] Stribley, M. (2018). Ten rules of composition all designers live by. Retrieved from https://www.canva.com/learn/visual-design-composition/ (accessed 23/09/2018).
- [24] Su, X. (2013). Tea Culture in China. Learning Theories (24), 219-220.
- [25] Traditional Chinese Graphic Elements for Modern Graphic Design. Art Research: Harbin Normal University Art College (2), 134-135.
- [26] Welch, P. (2013). Chinese art: A guide to motifs and visual imagery, Tuttle Publishing.
- [27] Yan, Z., & Zhang, J. (2010). Western Semiotic Theories in China. Foreign Language Research, 6, 36-43.
- [28] Zhang, Y., Liu, M., & Liang, S. (2015). Research on the Development Trend of Green Packaging Design. *Journal of Quick Reading* (6), 78-83.
- [29] Zhou, J. (2006). Application of traditional elements for modern packaging design. Journal of Suzhou University (5), 74-75.



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