

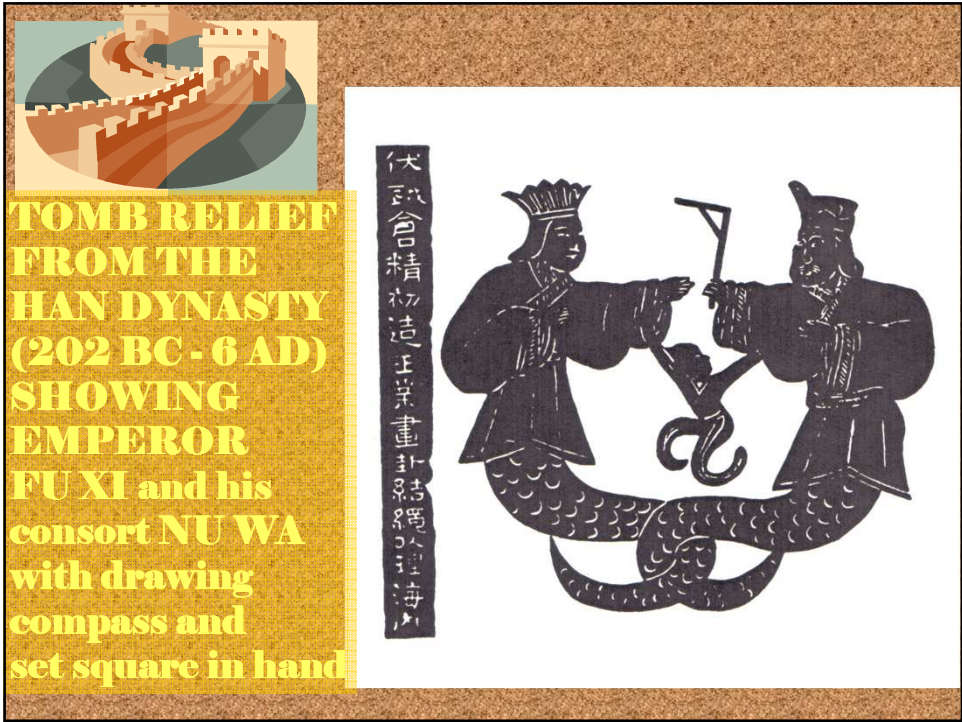


**THE
GREAT
WALL
OF CHINA:
THE WORLD'S
GREATEST BOUNDARY
MONUMENT !!!**

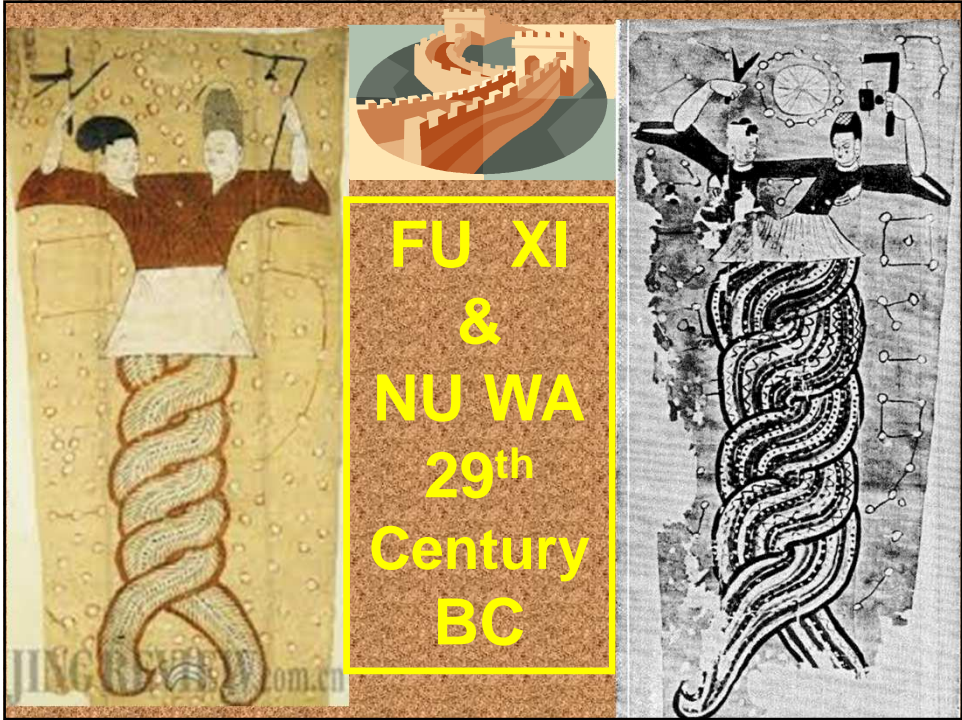


**THE MOON AS SEEN
FROM THE
GREAT WALL !!!**





TOMB RELIEF FROM THE HAN DYNASTY (202 BC - 6 AD) SHOWING EMPEROR FU XI and his consort NU WA with drawing compass and set square in hand

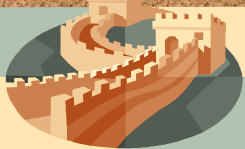


FU XI & NU WA 29th Century BC




**EMPEROR
YU THE GREAT
C. 2200 TO 2100 BC**

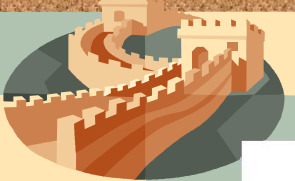



**THE AUTHOR OF THE
HAIDAO SUANJING (263 AD)**




Liu Hui
MATHEMATICIAN



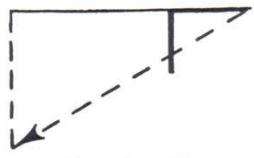
MEASURING WITH A SET SQUARE




Aligning



Measuring height



Measuring depth



Determining distances on a horizontal plane

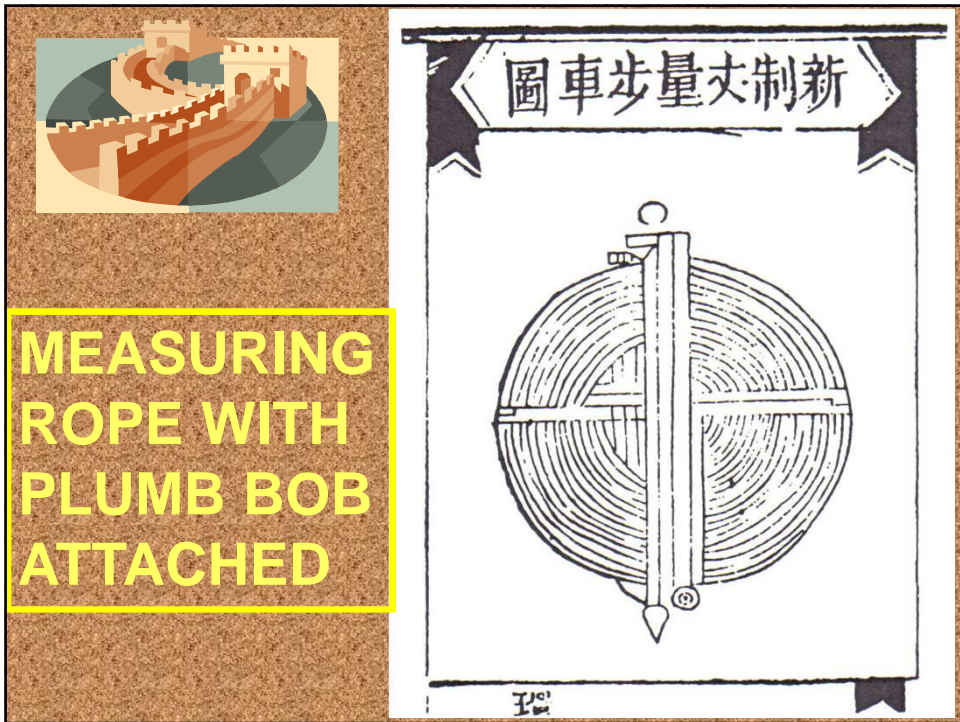
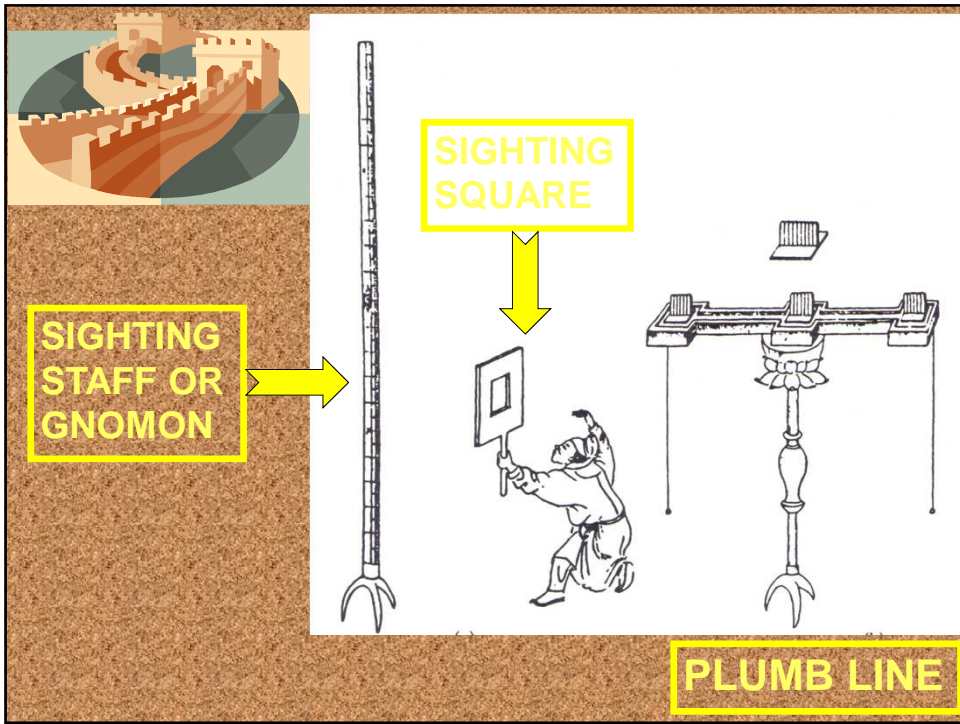


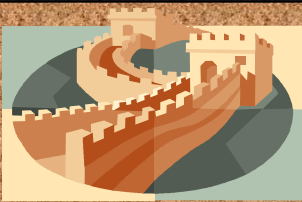

LIU HUI
(c220-280)

靡所不入
避詭伏
則多幽
能夷而長之

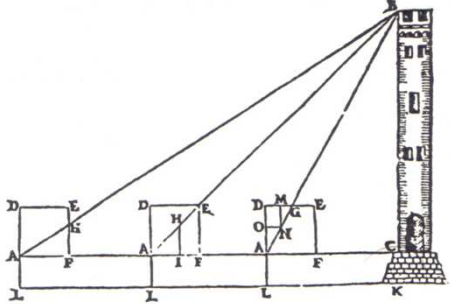
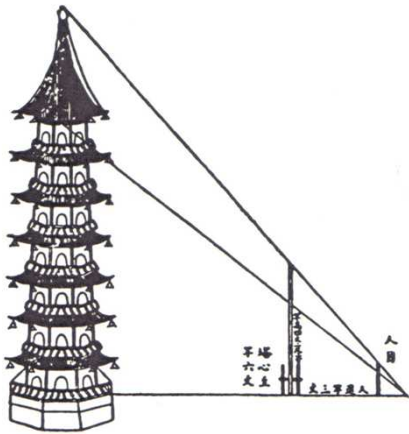
In comprehending by analogy, problems are always solvable though they may be very troublesome and obscure.

— Liu Hui (A.D. 263)





TOWER MEASUREMENTS WERE MUCH THE SAME IN 1247 AS IN 1592 ?!?



1247

1592



1726 WOODCUT FROM THE TU SHU JI CHENG

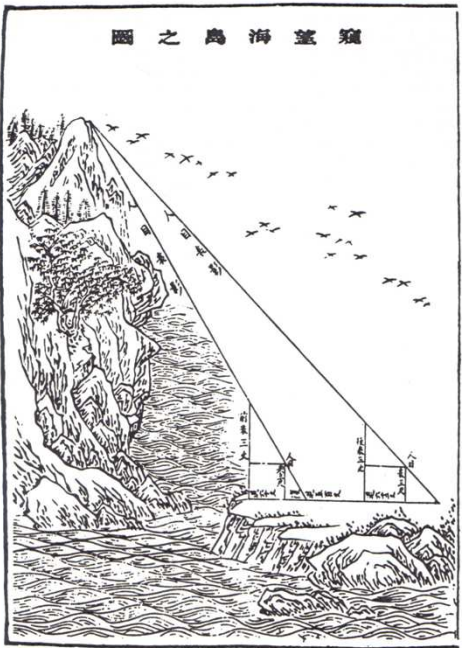
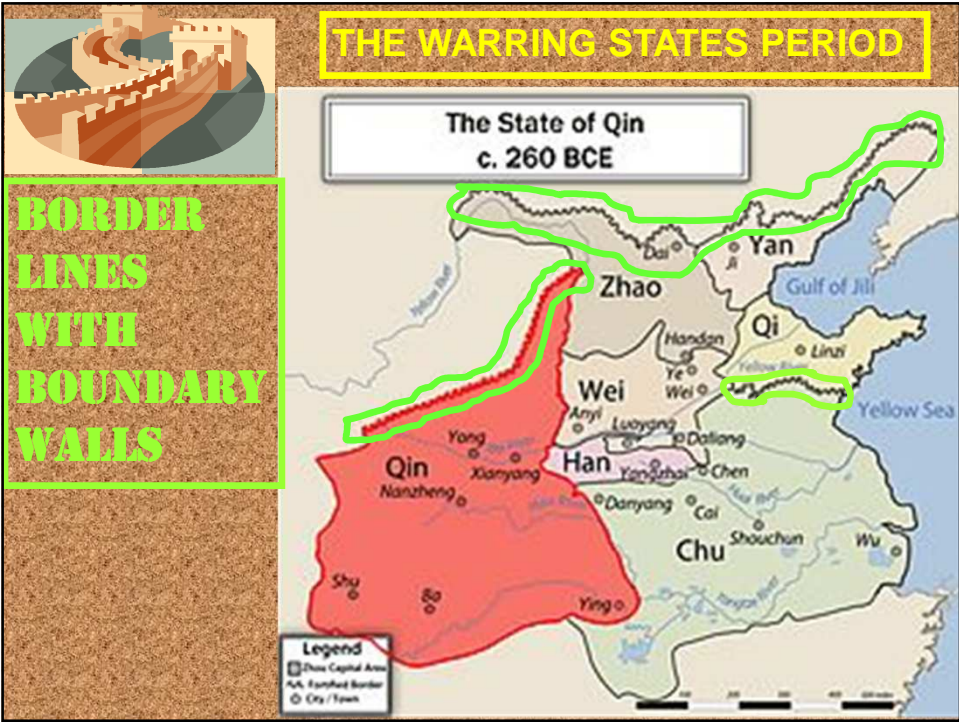


FIG. 3 A woodblock print illustrating the sea island situation. Given in the Tu Shu Ji Cheng (1726), an encyclopedia.








SOME OF THE 3,000 CHINESE CHARACTERS IN THE MODERN ALPHABET

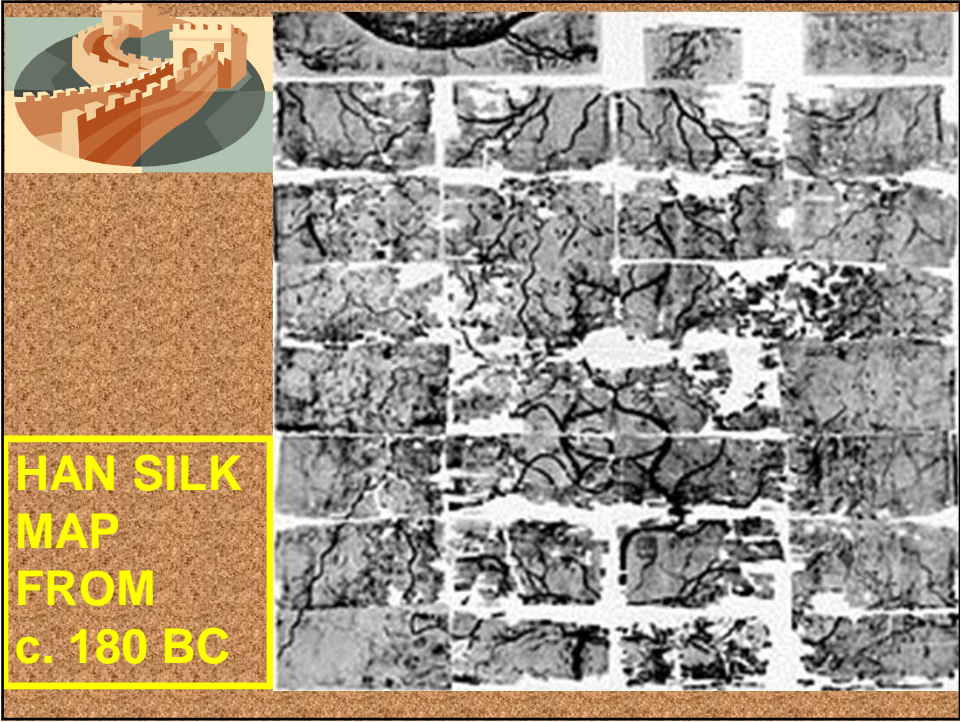
ba	數理精蘊	ca	丈
bb	戴震	cb	步
bc	四庫全書	cc	寸
bd	孔繼涵	cd	周禮
be	屈曾發	ce	淮南子
bf	武英殿	cf	張衡
bg	曹操	cg	張憲
bh	孫權	ch	白尚恕
bi	劉備	ci	吳文俊
bj	曹丕	cj	趙爽
bk	鄧艾	ck	藍麗容
bl	李漢	cl	沈康身
bm	海島算經細草圖說	cm	程工位
bn	沉欽裴	cn	算法統宗
bo	重差圖說	co	曹婉如
bp	李繆	cp	杜石然
bq	海島算經緯筆	cq	正教奉褒
br	天元	cr	郭書春
bs	李儼	cs	重差術反其源流
bt	錢寶琮	ct	學藝
bu	何丙郁	cu	梅榮照
bv	洪天賜	cv	九章算術與劉徽
bw	法	cw	李國偉
bx	實	cx	劉操南
by	里	cy	海島算經源流考
bz	尺	cz	益世報文史副刊

da	劉徽《海島算經》造術的探討
db	科技史文集
dc	我國古代測望之學重差理論評介兼數學數研究中某些方法問題
dd	薄樹人
de	景差
df	一行

THE GREAT WALL OF THE FIRST EMPEROR







PEI XIU
(223-271)



DA MING HUN YI TU 1390





**CHINA'S GREAT WALL HERO:
QI JIGUANG
(1528-1588)**



**The Ming Empire
1368-1644**



The map shows the Ming Empire's territory in a dark grey shade, covering most of modern-day China and parts of Mongolia and Vietnam. The Great Wall is highlighted in yellow. Surrounding seas are labeled: Yellow Sea to the north, East China Sea to the east, and South China Sea to the south. The Tropic of Cancer is marked in the south. Latitude lines for 40° and 30° are shown on the right, and longitude lines for 100° and 120° are shown at the bottom.



**MING
GREAT
WALL
ERECTION**



**GREAT WALL
BRICKS FROM
1577**

**INSCRIBED
GREAT WALL
BRICKS**

MING BRICK KILN


Above and left: Like many Wall bricks, this one is stamped with its date and origin. When turned upright, it reads: '[Emperor] Wan Li's 5th year [i.e. 1577], made by the Stone Pond [factory]'.



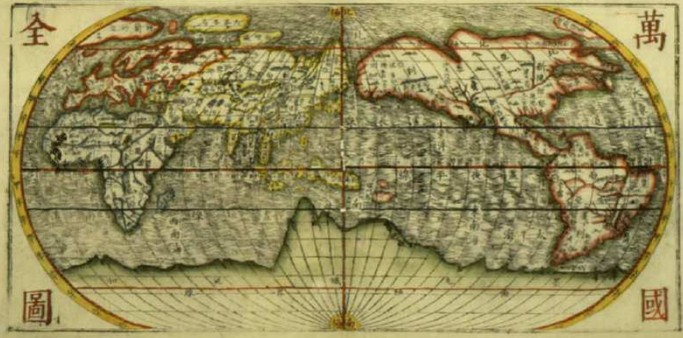
萬國圖小引


造物主化氣十二重天而火氣水土四行從輕至重
 漸次相變地在天之中心形圓而德方永不遷移東西
 南北之名上下中外之分人皆從厥所居以定實則
 無往非中也地與天同一體度數相應故其地必
 取規於天大有黃赤二道南北二極冬夏一室經緯
 之度各三百有六十地圖亦倣此以成然地既形圓
 則畫之以種種能像惟是畫之千面不竟展為長
 形如割柑皮而伸之者然天下萬方總分為五大州
 曰亞細亞曰歐羅巴曰利未亞曰亞墨利加曰墨尼
 羅尼加又此各州中分大小無算之國小國不能盡
 筆也茲不過述其大約云耳噫五州之大萬國之衆
 其於上天不過圓中之一點也吾所居之邦又五州
 之一點也吾之所駐足又大邦之一點也今我見天
 為何如乎我比天地之大主又為何如乎則我正
 似點中之一點而無處可見我身之在天地
 雖為其微而一點靈才為造物主所賦自能包括
 天地而明天地萬物之真主所謂人身一小天地
 也信爾以此形舉之至小則何處可生倨傲之情以
 此靈心之至大則無可自棄自賤之理果知乎此則
 天地在目豈徒然哉

西海文儒略敬題




RICCI
WORLD
MAP
1602




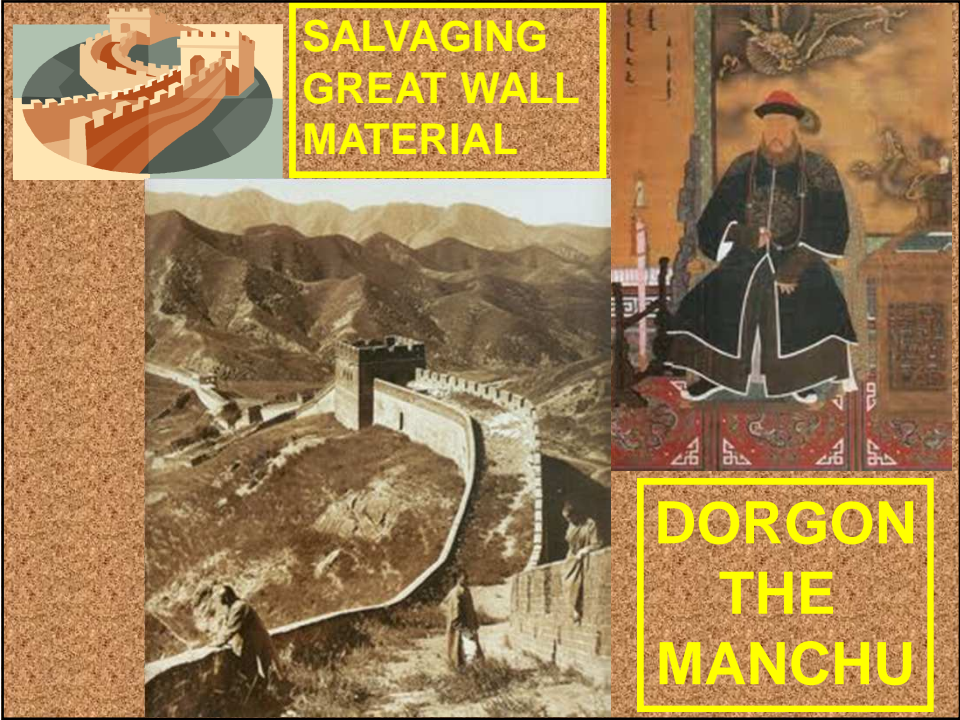


MATTHEVS RICCIVS MACCRATENSIS QUI PRIMVS E SOCIETATE
 IESV E VANDERLIVM IN SINAM APOSTOLICE OBTINENS SALVTIS
 1582-1610



RICCI WORLD MAP 1602









**PIERRE JARTOUX
(1669-1720)**





**HISTOIRE
DE
L'EMPEREUR
DE
LA CHINE,
PRESENTEE
AU ROY,**

Par le P. J. BOUVET, de la Compagnie de JESUS, Missionnaire de la Chine.



**A LA HAYE,
Chez MEYNDERT UYTWERP,
Marchand Libraire dans le Hoffriet,
près la Cour.**

M. DC. XCIX.



JOACHIM BOUVET (1656-1730) AND HIS BOOK

