

The Three Types of Calligraphy Scriptures (Eastern, Arabic, Western)

...

Brianna Hang

Scripts



Oracle-bone



Seal



Clerical



Cursive

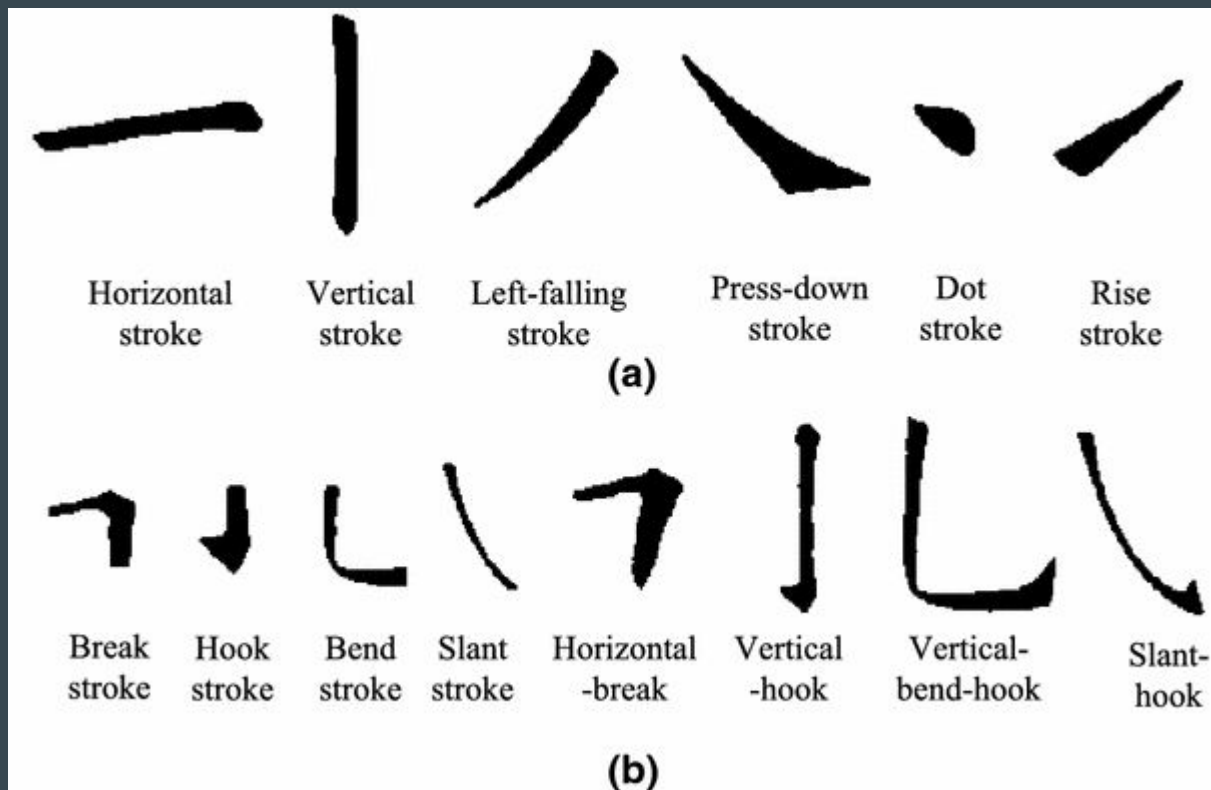


Semi-cursive

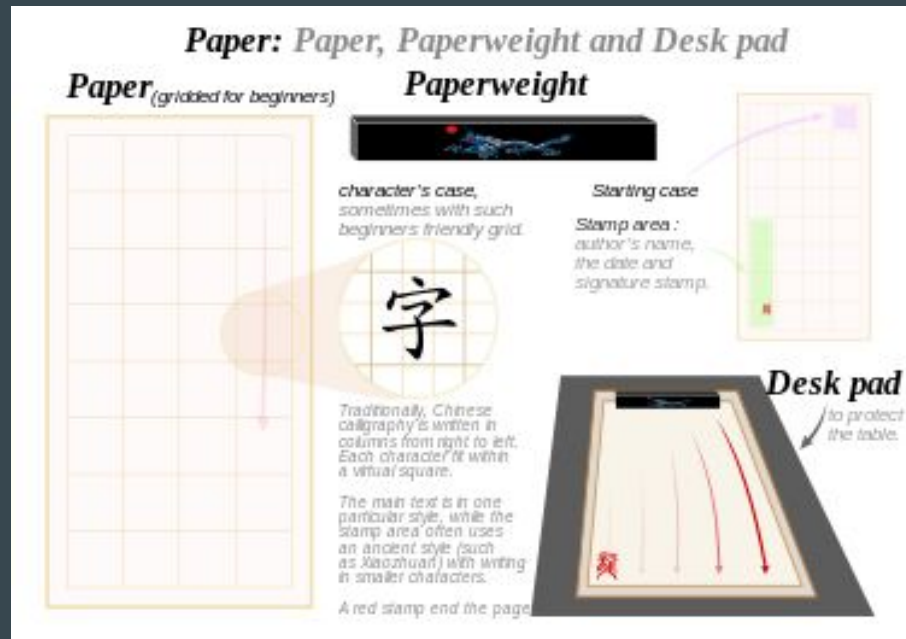
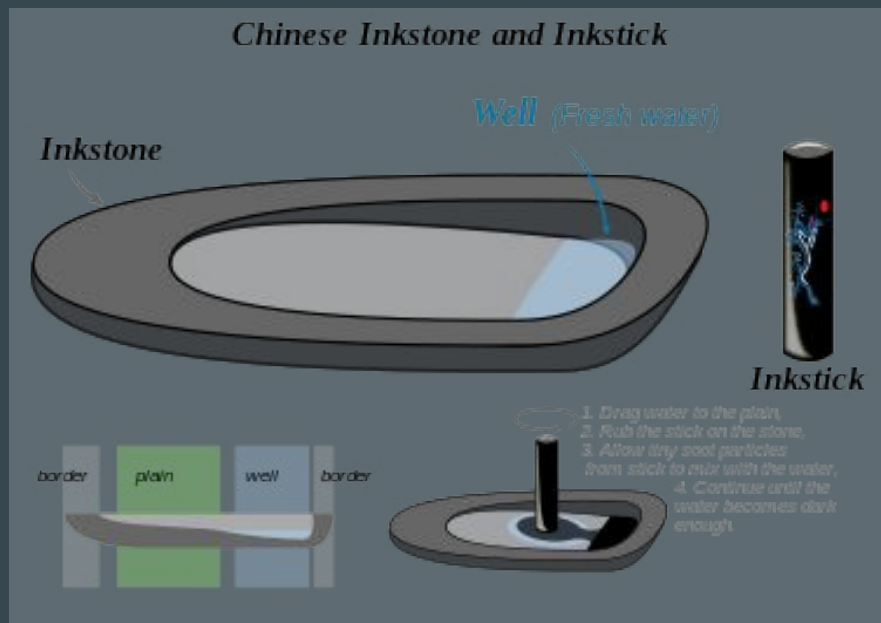


Standard

Design



Materials




The Effect of Collagen on Dispersion and Particle Size

Original article

Characterization of Chinese ink in size and surface

Joseph R. Swider^a  , Vincent A. Hackley^b, John Winter^a

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Abstract

Chinese ink, a mixture of soot and animal glue, has been used in East Asia for centuries as the sole black paint of choice. The combination of animal glue and soot particles create a distinctive dispersion system giving Chinese ink its unique properties among paints and inks. Photon correlation spectroscopy (PCS) size measurements and scanning electron microscopy (SEM) imaging revealed subtle differences in particle size and aggregation among inks of different soot origin. Surface chemistry of the particles was examined using laser Doppler electrophoresis (LDE) for determination of the isoelectric point (IEP). The IEPs of different inks were not distinct, but reflected the presence of the collagen-based glue on the particles' surface. The IEP and size dropped significantly when inks were treated with collagenase and when soot and carbon blacks alone were measured, pointing to the important role of animal glue in this dispersion system.



Anatomy of the Brush



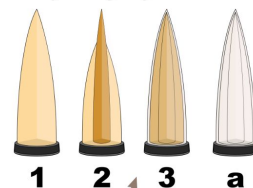
Brush: head types, compositions, and brush size

Brush (for beginners)



Head and Hairs,

Head types are according to hairs size/length, types (goat, rabbit, weasel, plum,...), and method of composition. Size and length allow large or small writings, types and composition make flexibility or rigidity and rebound.



Head compositions,

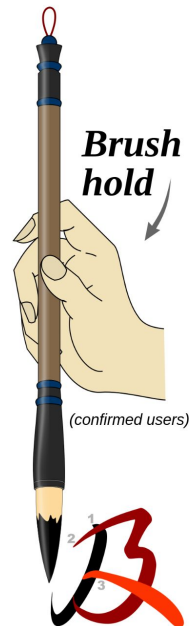
Type 1 : Sǎnzhuó, one hairs type.
 Type 2 : Zhu/Bei, rigid hairs inside, soft hairs outside.
 Type 3 : Jiānháo, mix in heart and ring, very soft in skin. a : Anatomy with heart, ring, skin.

Brush,

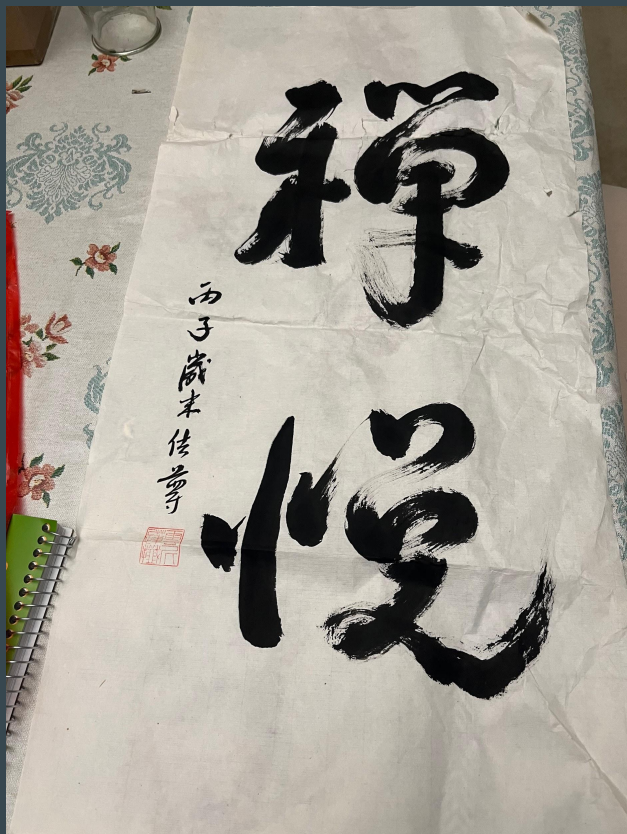
The height of the brush hold influence control and velocity. The calligrapher choice his brush mainly according to which styles he

want to write down, and with which size.

Brush hold



Example of Scripture from Buddhist Temple

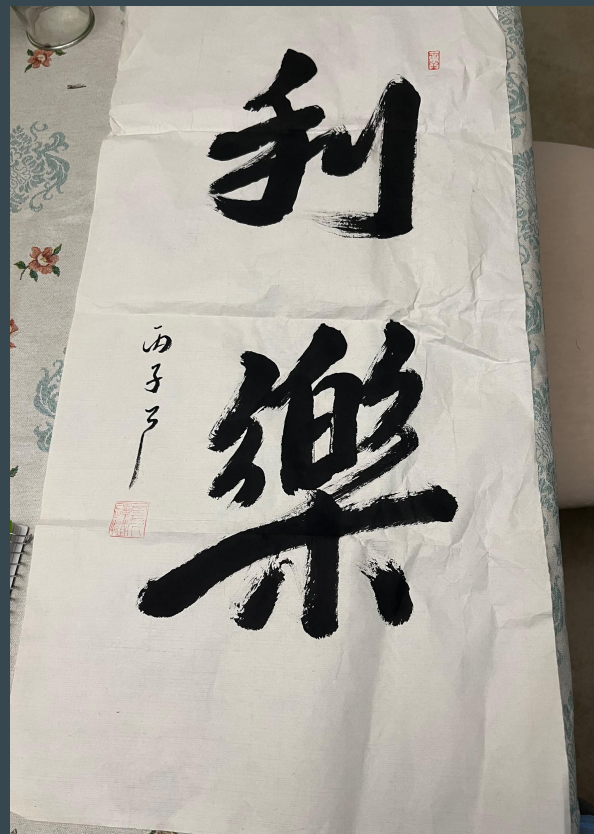


利 means profit or
benefit

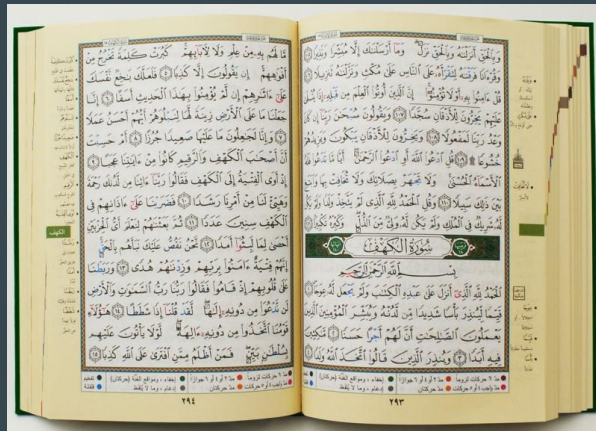
樂 means happy

禪 means Zen

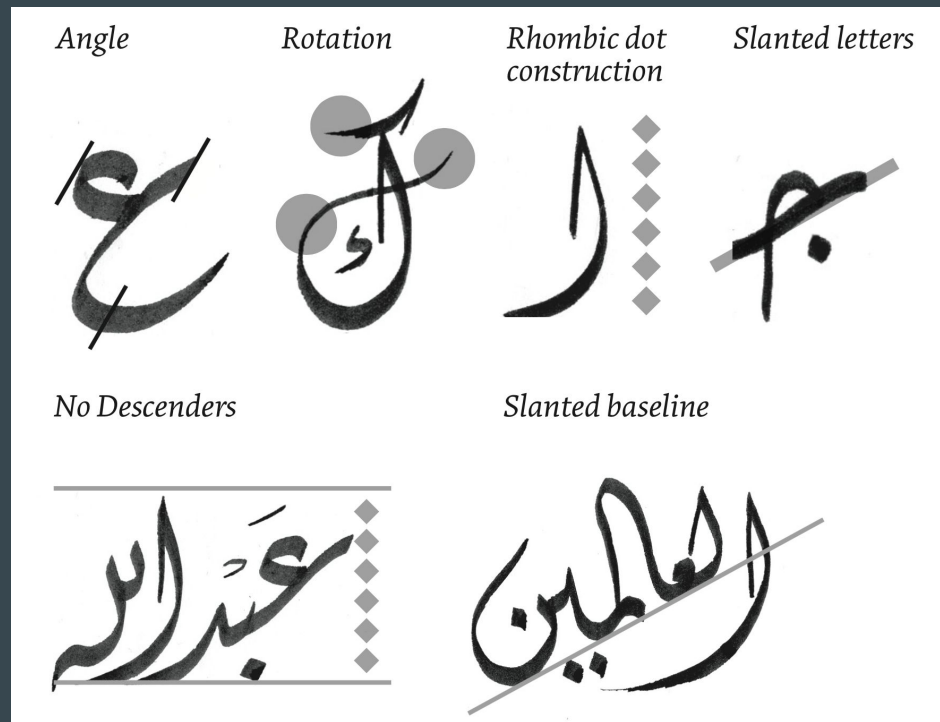
悅 means joy



Arabic Scripture



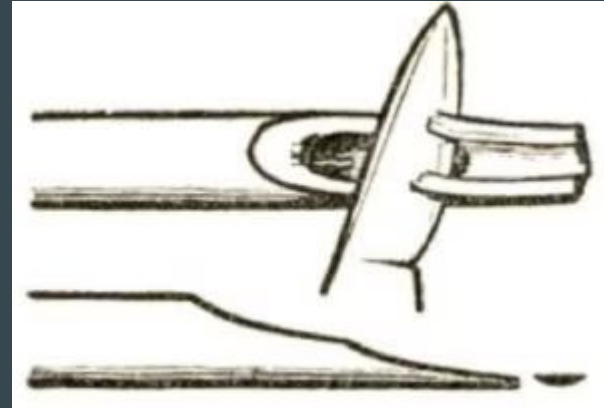
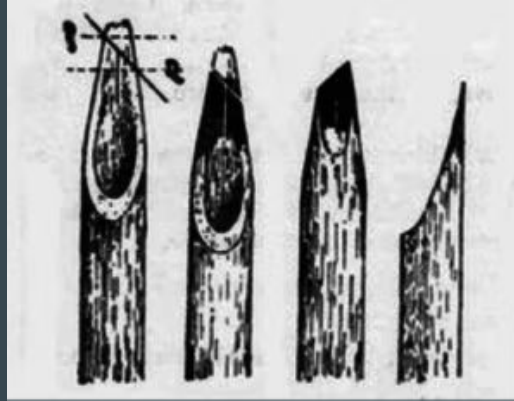
Design - Diwani



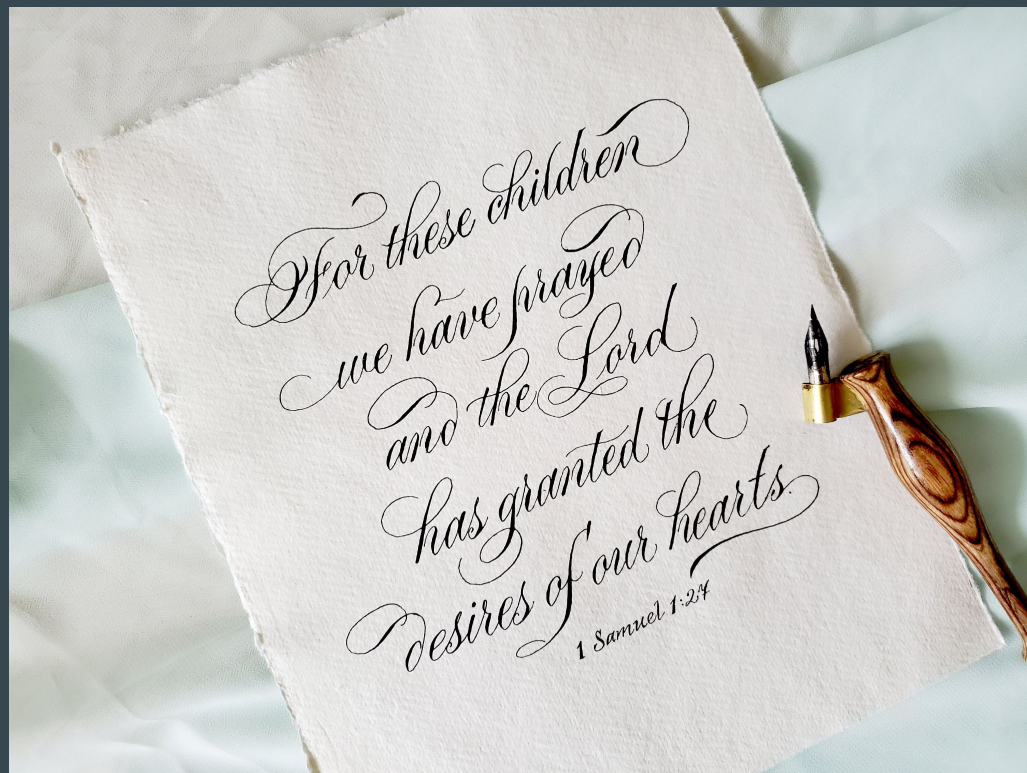
Materials



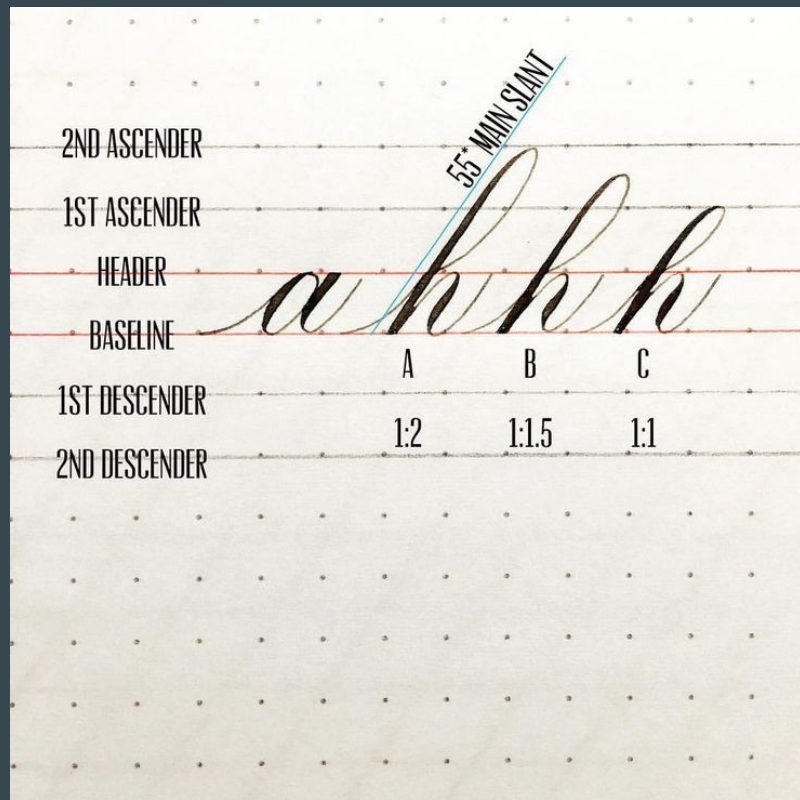
Anatomy of Pen



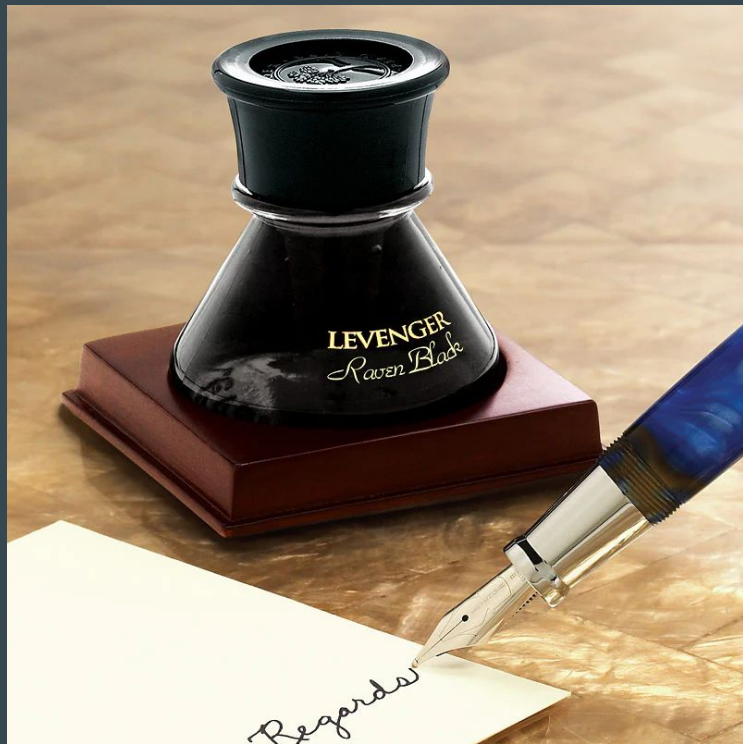
Western Scripture



Design



Materials



Anatomy of Pen

