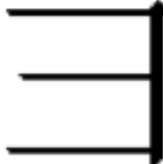
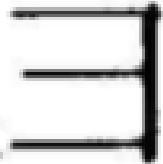
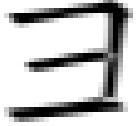


Doc Type: Working Group Document
Title: G-source Implementation Report on U+5F50
Source: Kushim JIANG
Date: 2022-03-12

1 Bitmap Fonts

The 1989 standard chosen in **Table 1** is 48×48 bitmap, and the rest is 64×64 bitmap.

Table 1 Bitmap Glyphs on National Standards

Song typeface	Kai typeface	Hei typeface	Fangsong typeface
GB/T 36616.1—2018	GB/T 36616.3—2018	GB/T 36616.2—2018	GB/T 36616.4—2018
			
GB/T 14245.1—2008	GB/T 14245.3—2008	GB/T 14245.2—2008	GB/T 14245.4—2008
			
GB/T 12041—1989	GB/T 12043—1989	GB/T 12044—1989	GB/T 12042—1989
			

2 Vector Fonts

The vector font use only the linear Bézier curves.

Table 2 Vector Glyphs on National Standards

Song typeface	Kai typeface	Hei typeface	Fangsong typeface
GB/T 13845—1992	GB/T 13847—1992	GB/T 13848—1992	GB/T 13846—1992
			

3 TrueType/OpenType Fonts

In brackets are the regional standards that the font vendors claim they cover.

Table 3 TrueType/OpenType Glyphs on FounderType

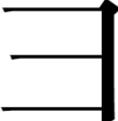
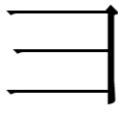
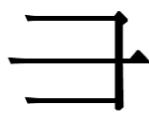
Song typeface	Kai typeface	Hei typeface	Fangsong typeface
方正新书宋	方正新楷体	方正黑体	方正仿宋
			
方正宗一	方正教材规范楷体	方正中等线	方正公文仿宋
			
方正新秀丽 (HT)	方正中楷体 (T)	方正平黑体 (HT)	方正古仿
			

Table 4 TrueType/OpenType Glyphs on HanyiFonts

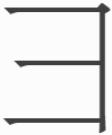
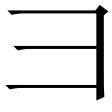
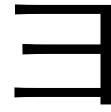
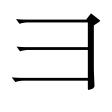
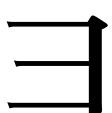
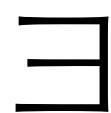
Song typeface	Kai typeface	Hei typeface	Fangsong typeface
汉仪字典宋 S	汉仪楷体 S	汉仪中等线 S	汉仪仿宋
			
汉仪书宋二 S	汉仪全唐诗	汉仪旗黑	汉仪劲楷
			
汉仪金陵刻经	汉仪无右锐楷	汉仪碑刻黑	汉仪意宋 W
			

Table 5 TrueType/OpenType Glyphs on Operation System

Song typeface	Kai typeface	Hei typeface	Fangsong typeface
中易宋体	中易楷体	中易黑体	中易仿宋
			
华文宋体	华文楷体	微软雅黑	华文仿宋
			
华文中宋		华文细黑	
			

4 Conclusion

We will refer to \exists , \exists and \exists as A, B and C respectively.

- ♦ In the latest national standards, Song typeface and Hei typeface are both C, and Kai typeface and Fangsong typeface are both A. And glyphs always fill the entire body square.
- ♦ Mainstream font vendors implement C under both Song typeface and Hei typeface, and A or C under Kai typeface and Fangsong typeface when targeting G-source region. And glyphs always fill the entire body square.
- ♦ Mainstream font vendors implement B when targeting H-source or T-source regions. And glyphs do not fill the entire body square.
- ♦ Mainstream font vendors may implement B when targeting ancient G-source regions. And glyphs fill the entire body square.

(End of Document)