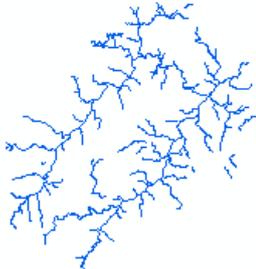
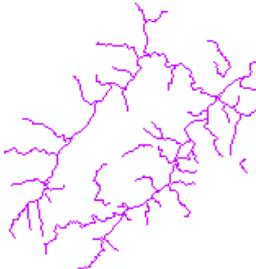
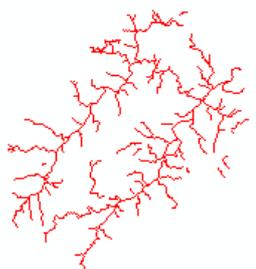


proposed in this paper, three river thematic maps with different scales were used for the integration experiments. According to the experimental results, we found that the scale of the integrated map was as same as the original small-scale map, and the feature quantity was almost as same as the original large-scale map, meanwhile its memory size is much smaller.

The deficiency of this paper is that it only focused on the method of integration for multi-scale line thematic maps. Following this direction, we can continue to research on the method of integration for multi-scale thematic maps of other types, such as the integration for point maps and integration for polygon maps. Ultimately, we can form a series of theory and system that can serve the production and research better.

Table 1: The results of three groups of integration

Group No	No.1		No.2		No.3	
Scale of Map	1: 10,000	1: 50,000	1: 50,000	1:100,000	1: 10,000	1:100,000
Integration results						
Memory size of original map	272 (KB)	69.6 (KB)	69.6 (KB)	32.5 (KB)	272 (KB)	32.5 (KB)
Memory size of integrated map	82.7 (KB)		37.8 (KB)		44.9 (KB)	

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