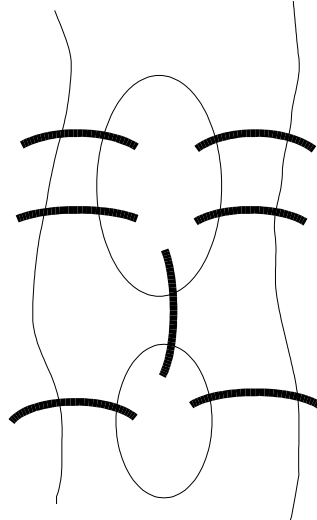# The Seven Bridges

There are two islands in the middle of a river. The islands connect to the river banks and to each other with seven bridges as shown below:

You must find a path that you can follow that crosses each bridge once and only once. You may start anyplace you want (on either island, or on either riverbank), and may also end anyplace you want. But no bridge may be crossed more than once. You may not, of cource, swim across the river, nor cross the river in any other way, nor walk all the way around the head of the river or around the world to get from one bank to the other. You may only use the bridges. If no such path exists, you must prove that no such path exists.