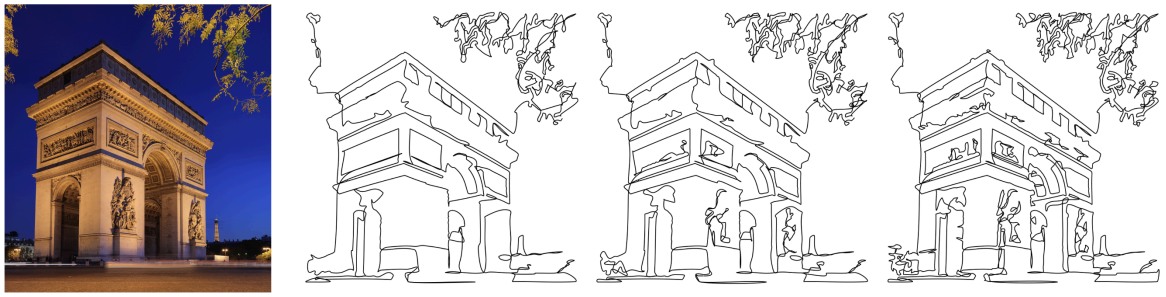
# Continuous Line Illustration

Keywords: Geometric algorithms, Continuous line illustration.

## Objective

Continuous line illustration is an artistic drawing style consisting of portraying an object or scene with a single line. Despite their simple nature, these illustrations surprisingly manage to convey the most important details of a scene with only one line. In this project, we focus on the generation and design of continuous line illustrations consisting of a non-intersecting line that varies its spacing accordingly in order to portray the shading of the scene. One could also convert continuous line illustrations created with this approach into continuous line paintings and artistic styles consisting of a single line that varies in color and thickness.



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## References:

Wong, Fernando J., and Shigeo Takahashi, "A Graph-based Approach to Continuous Line Illustrations with Variable Levels of Detail." Computer Graphics Forum. (2011).
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