

# An visual method for generating the nonlinear separating isosurface of two classes of objects in two-dimensions using Marching Squares

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**Abstract**

## **1 Introduction**

Iron out the wrinkles using blur. Ameliorate

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## References

- [1] James, et al. An Introduction to Statistical Learning with Applications in R. ISBN: 978-1-0716-1417-4

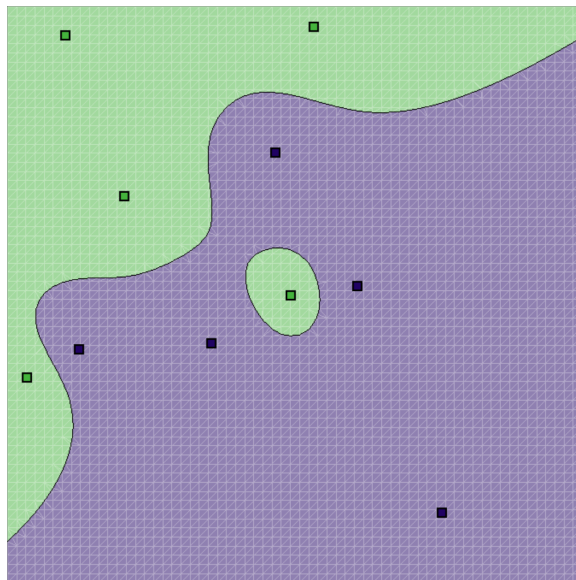


Figure 1: Nonlinear separation.

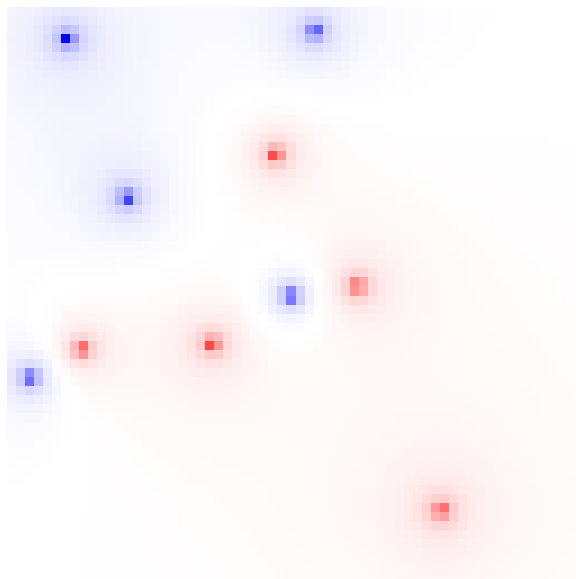


Figure 2: Bitmap image used as input to the Marching Squares algorithm.

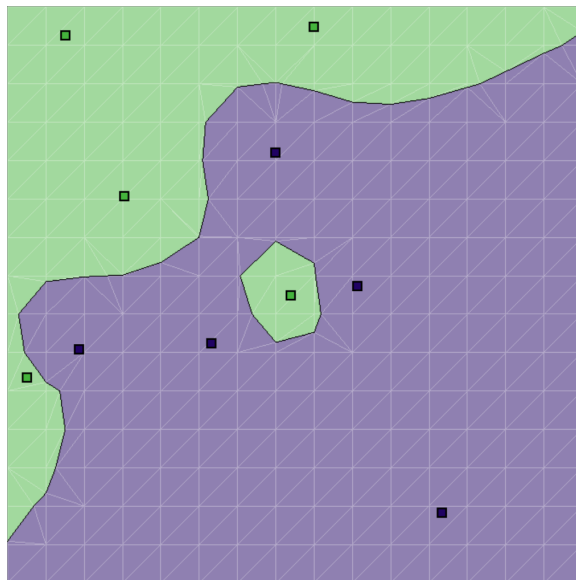


Figure 3: Nonlinear separation.

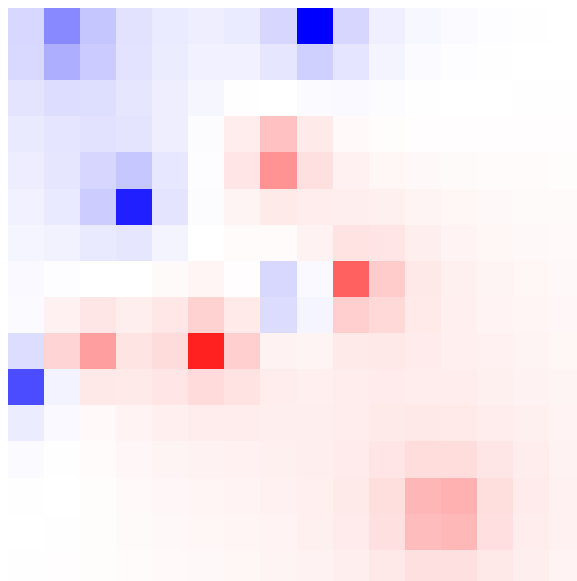


Figure 4: Bitmap image used as input to the Marching Squares algorithm.

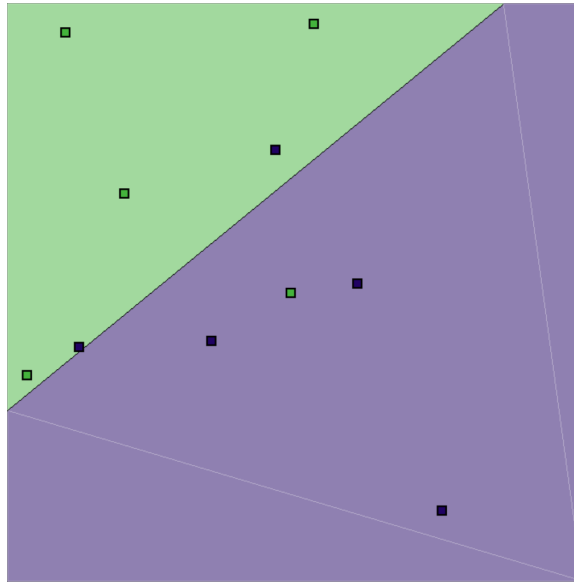


Figure 5: Nonlinear separation.

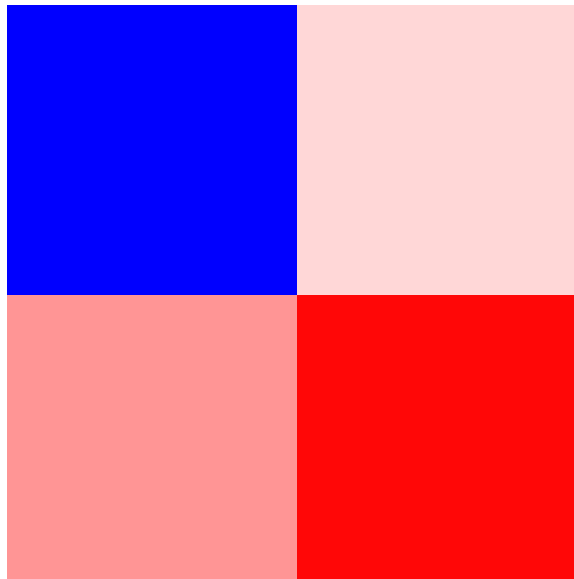


Figure 6: Bitmap image used as input to the Marching Squares algorithm.