A tutorial of Solving the defined integral problem with OpenMp

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Abstract—The Trapezoid rule algorithm used in this tutorial is not the most fast method to calculate an interval defined integral but is a good example of how to make programs runs quicker by using OpenMp for parallelism. Hopefully it will help the understanding of how this library works and how to use it. All sources can be accessed at https://github.com/ensismoebius/ComputacaoDeAltoDesempenho

Index Terms—OpenMp, Paralelism, C++, C, Tutorial