Una forma general de la fórmula de Green i del teorema de Cauchy

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ABSTRACT: In this talk we will give a short review on Green's Formula and present a general version of this formula and the Cauchy Integral Theorem for arbitrary closed rectifiable curves in the plane, obtained in joint work with Joan Verdera. To prove it we will use Vitushkin's localization of singularities method and a decomposition of a rectifiable curve in terms of a sequence of Jordan rectifiable sub-curves.