962-35-1128 Carlos A Berenstein* (carlos@isr.umd.edu), Institute for Systems Research, 2221 A.V. Williams Bldg., University Of Maryland, College Park, MD 20742-3311. What's new about the Pompeiu problem? Preliminary report.

We will describe recent results on the Pompeiu problem and the cognate Morera problem in less conventional settings (quaternionic spaces, etc.) (Received October 02, 2000)