

Abstract Submitted
for the MAR14 Meeting of
The American Physical Society

Physical Properties of Modified Compositions of Strontium Ruthenates¹ ARMEN GULIAN, VAHAN NIKOGHOSYAN, Chapman University
— We performed systematic research on ceramic materials Sr₂RuO₄ with Sulfur, Selenium or Tellurium added, in combination with other dopants such as: Au, Pt, Al, Zn, Mn, Ba, Na, Ca, Os, Co, Ni, Fe, and Ir. Data on resistive, magnetic, structural, compositional, morphological and other physical properties are obtained, and the most interesting results are presented, as well as corresponding synthesis conditions.

¹ONR Grants N000141210768 and N000141210244 are acknowledged

Armen Gulian
Chapman University

Date submitted: 16 Nov 2013

Electronic form version 1.4