

Abstract Submitted
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Multifractality to Photonic Crystal & Self-Organization to Metamaterials through Anderson Localizations & Group/Gauge Theory¹
WIDASTRA HIDAJATULLAH-MAKSOED², Department of Physics, University of Indonesia, Depok 16424- Indonesia — Arthur Cayley at least investigate by creating the theory of permutation group[F:\\Group.theory.htm] where in cell elements addressing of the lattice Qmf used a Cayley tree, the self-affine object Qmf is described by the combination of the finite groups of rotation & inversion and the infinite groups of translation & dilation[G Corso & LS Lacena: **“Multifractal lattice and group theory”**, Physica A: Statistical Mechanics & Its Applications, **2005**, v 357, issue I, h 64-70; <http://www.sciencedirect.com/science/article/pii/S0378437105005005>] hence multifractal can be related to group theory.

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²We reminds VENEZUELA as Owner of Largest crude oil deposite in the World to G Corso & LS Lacena, 2005 through April 4, 2014 cited to April 14, 2014 Tibisay LACENA existed quotes for the Presidential Election for the Republic of VENEZUELA, 2014

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