Monstrous Moonshine and Whitham equations

Jorge Andres Devoto

`jdevoto@itba.edu.ar`

Department of Mathematics
Instituto Tecnologoco de Buenos Aires
Av. Eduardo Madero 399
1106 Buenos Aires
Argentina

Abstract

Some years ago John McKay noticed some similarities between some terms associated to the Monstrous Moonshine functions and coefficients which characterize the dispersionless Kadomtsev Petviashvili (dKP) hierarchy. We shall make a survey of these relations and show some recent developments.