POVZETEK

V nalogi najprej definiramo razdaljno regularne grafe in opišemo nekatere lastnosti njihovih parametrov.

Sledijo definicije grupe automorfizmov, njene predstavitve in celega algebraičnega števila. Z njihovo pomočjo izpeljemo omejitev za parametre in strukturo automorfizmov danega grafa.

V nadaljevanju definiramo še antipodni krov razdaljno regularnega grafa in pokažemo zvezo med pripadajočimi mu parametri in parametri osnovnega grafa.

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