THE ART OF DISCRETE AND APPLIED MATHEMATICS

Recipes for edge-transitive tetravalent graphs[*]

Primož Potočnik[†]

University of Ljubljana, Faculty of Mathematics and Physics,
Jadranska 19, SI-1000 Ljubljana, Slovenia

Stephen E. Wilson[‡]

Department of Mathematics and Statistics, Northern Arizona University,
Box 5717, Flagstaff, AZ 86011, USA

Abstract

This paper presents all constructions known to the authors which result in tetravalent graphs whose symmetry groups are large enough to be transitive on the edges of the graph.

Keywords: Graph, automorphism group, symmetry.

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E-mail addresses: primoz.potocnik@fmf.uni-lj.si (Primož Potočnik), stephen.wilson@nau.edu (Stephen E. Wilson)

Konstrukcije povezavno-tranzitivnih tetravalentnih grafov[*]

Primož Potočnik[†]

Univerza v Ljubljani, Fakulteta za matematiko in fiziko,
Jadranska 19, SI-1000 Ljubljana, Slovenija

Stephen E. Wilson[‡]

Department of Mathematics and Statistics, Northern Arizona University,
Box 5717, Flagstaff, AZ 86011, USA

Povzetek

V tem članku so predstavljene vse avtorjema znane konstrukcije tetravalentnih grafov, katerih simetrijske grupe so dovolj velike, da so na množici povezav grafa tranzitivne.

Ključne besede: Graf, grupa avtomorfizmov, simetrija.

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