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List of Abbreviations

RDG(s): rectangularly dualizable graph(s)

MRDG(s): maximal rectangularly dualizable graph(s)

PTG(s): plane triangulated graph(s)

EPTG(s): extended plane triangulated graph(s)

CIP(s): corner implying path

BNG: block neighborhood graph

T-structure: turnable structure 4-cycle: cycle of length 4

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List of Symbols

G: RDG

R:rectangular dual v_i :vertex of a graphV:vertex set of a graphE:edge set of a graph R_i :component rectangle

E(G): extended rectangular dual of G

C: cycle of a graph W_n : wheel graph

M: MRDG

 $N(v_i)$: neighborhood of v_i

P: path

 $d(v_k)$: degree of v_k



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