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An improvement of a result of Zverovich - Zverovich

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Abstract: We give an improvement of a result of Zverovich and Zverovich which gives a condition on the first and last elements in a decreasing sequence of positive integers for the sequence to be graphic, that is, the degree sequence of a finite graph.

Keywords: Graph, graphic sequence.

Math. Subj. Class.: 05C07

Izboljšava rezultata Zverovich - Zverovich

Povzetek: Izboljšamo rezultat, ki sta ga dobila Zverovich in Zverovich, ki pove pogoj, ki mu morata zadoščati prvi in zadnji element v padajočem zaporedju pozitivnih celih števil, če naj bo zaporedje grafovsko, to je zaporedje stopenj končnega grafa.

Ključne besede: Graf, grafovsko zaporedje.