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Johnson graphs are Hamilton-connected

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Abstract

We prove that the Johnson graphs are Hamilton-connected and apply this to obtain that another family of graphs is Hamilton-connected.

Keywords: Hamilton path, Johnson graph, Hamilton-connected.

Math Sci Net: [05C45 \(05C75\)](#)

Johnsonovi grafi so hamiltonsko povezani

Povzetek

Pokažemo, da so Johnsonovi grafi hamiltonsko povezani, nato pa slednje uporabimo v dokazu, da je še ena družina grafov hamiltonsko povezana.

Ključne besede: Hamiltonova pot, Johnsonov graf, hamiltonsko povezan.