

- **Design pattern detection based on the graph theory**

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Authors:

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- **The state of the art on design patterns: a systematic mapping of the literature**
Journal of Systems & Software

□ □ □ **2017**

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- Bahareh Bafandeh Mayvan,
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□

- **The c th order Edge-Tenacity of a Graph**

AMS (American Mathematical Society)
2012

Numerous networks as, for example, road networks, electrical networks and communication networks can be modeled by a graph. Many attempts have been made to determine how well such a network is "connected" or stated differently how much effort is required to break down communication in the system between at least some nodes. Two well-known measures that indicate how "reliable" a graph is are the "Tenacity" and "Edge-tenacity" of a graph. The objective of this paper is to study the generalized concept of edge-tenacity and determining this quantity for complete n-partite graphs.

Authors:

- Bahareh Bafandeh,
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- **The Quantitative Measurement of Software Components Reusability**

Journal of Modeling in Engineering

2015

Authors:

- Bahareh Bafandeh,
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- **On the first-order edge tenacity of a graph**

Discrete Applied Mathematics

2016

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