

LAGr. ~~Matrix~~ graph.

A

G.B. Matrix

prop.

A^T

?

• deg.

Σ

> graph

und.)
dir.
hyper.

$$\begin{aligned} G &\rightarrow A = X \\ X &= G \rightarrow A \end{aligned}$$

$$A_{ij}?$$

Incidence

$A(i,j)$

i the edge

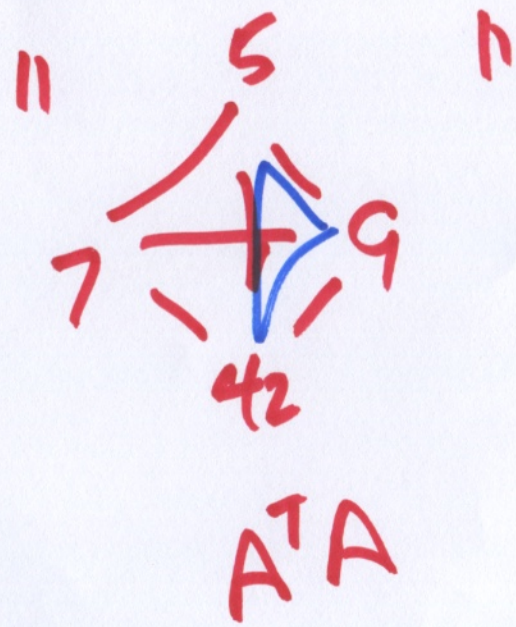
j node

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e K_{12}

S.	nodes	q	q2
1	1	1	1
1	1	1	0

A



descriptor modes - easy
fast

• low memory.

auto
:

debug
first me.

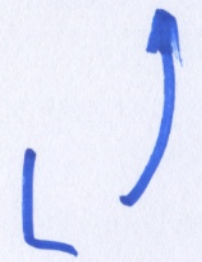
May 20, 2020

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A sym.

A unsym

+
- undirect - directed



[- incidence
- hypergraph
⋮]

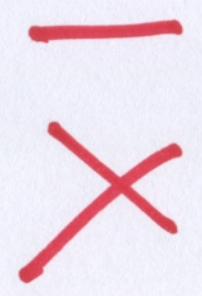
matrix

unsym
sym
rect.

graph

• directed
• undirected
hypergraph

- flag
- namespace
← In
Lagr. matrix



L: incidence
matrix