



Physische und Logische Datenunabhängigkeit

Anwendung

Anwendung

Datenmanagementsystem

Dateisystem

Beispiel:

Foto-Verwaltung

Fotografen-
Verwaltung

DBMS

A screenshot of a data table with multiple columns and rows, showing various data points.A screenshot of a data table with multiple columns and rows, showing various data points.A screenshot of a data table with multiple columns and rows, showing various data points.A screenshot of a data table with multiple columns and rows, showing various data points.A screenshot of a data table with multiple columns and rows, showing various data points.

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Beispiel:

Foto-Verwaltung

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A screenshot of a database table with multiple columns and rows of data.A screenshot of a database table with multiple columns and rows of data.A screenshot of a database table with multiple columns and rows of data.A screenshot of a database table with multiple columns and rows of data.A screenshot of a database table with multiple columns and rows of data.

DBMS

Sicht 1

Sicht 2

...

Sicht 3

Teilschemata

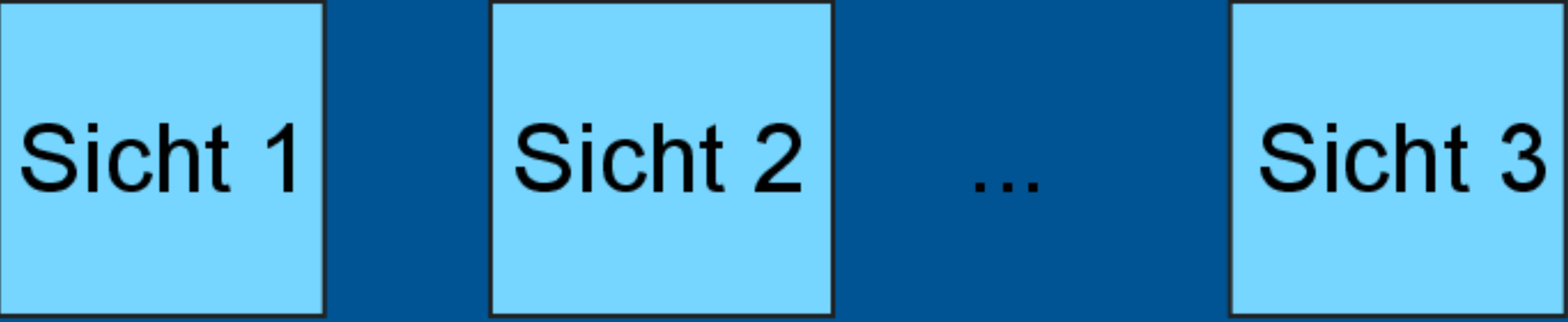
Sicht \rightarrow Schema

logische Ebene

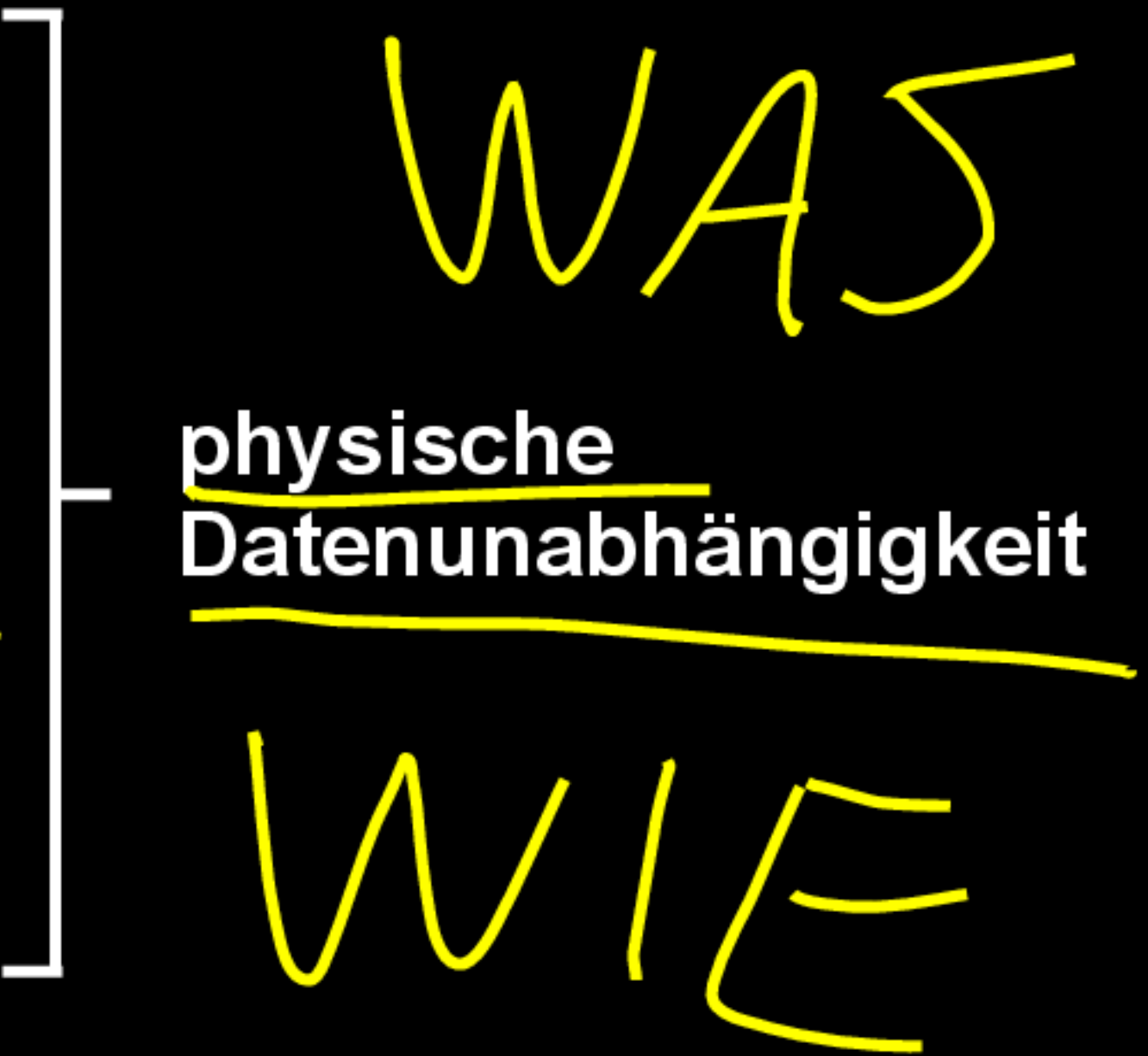
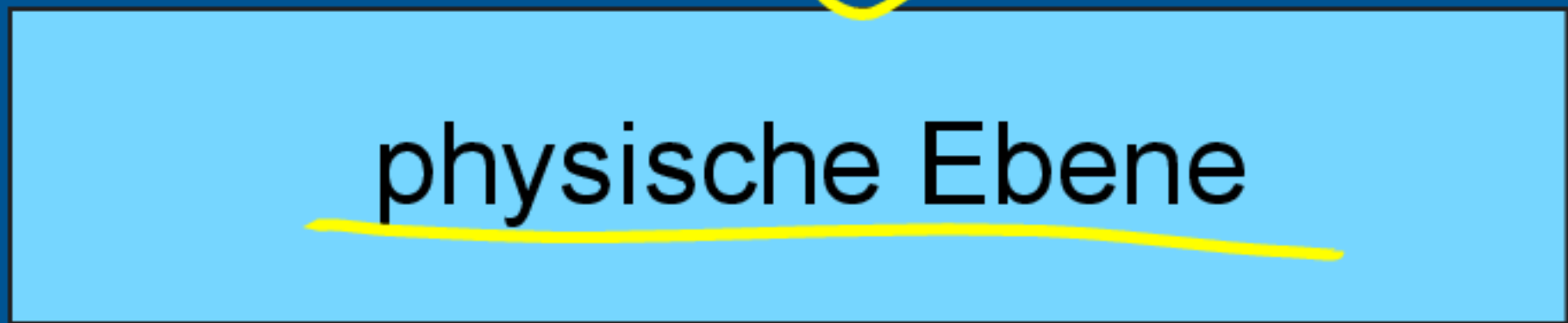
Schema

~~physische Ebene~~

~~Indexstrukturen,
Algorithmen,
Optimierung, etc.~~



Teilschemata



CLef
Sicht 1

Sek
Sicht 2

...

Folgeaufg.
Sicht 3

Teilschemata

logische Ebene

Schema

physische Ebene

Indexstrukturen,
Algorithmen,
Optimierung, etc.

logische
Datenunabhängigkeit



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