

## **III/41: Semiconductors**

**General Introduction**    **Substance Index alphabetically ordered by element-systems:**    [pdf-version](#)    [html-version](#)

**Subvolume III/41B: II-VI and I-VII compounds; semimagnetic compounds**

[List of frequently used symbols, abbreviations, conversion factors](#)

[Fast preview of substances for III/41B](#)

**Subvolume III/41C: Non-tetrahedrally bonded elements and binary compounds I**

[List of frequently used symbols and abbreviations, conversion factors](#)

**Subvolume III/41D Non-tetrahedrally binary compounds II**

[List of frequently used symbols and abbreviations, conversion factors](#)

**Subvolume III/41E Ternary compounds, organic semiconductors**

[List of frequently used symbols and abbreviations, conversion factors](#)

# List of substances in subvolume III/41B

## I. Compounds with two elements

AgBr

AgCl

AgF

AgI

BaO

BaS

Be-VI compounds, general data

BeO

BeS

BeSe

BeTe

CaO

CaS

CdO

CdS

CdSe

CdTe

$\gamma$ -CuBr

$\gamma$ -CuCl

CuF

$\gamma$ -CuI

HgO

HgS

HgSe

HgTe

MgO (MgS, MgSe, MgTe)

MgS

MgTe

SrO

SrS

ZnO

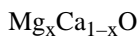
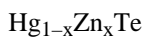
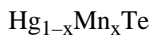
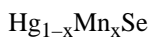
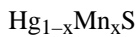
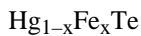
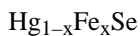
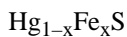
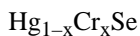
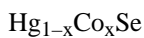
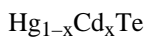
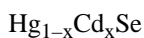
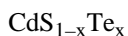
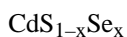
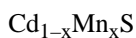
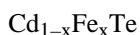
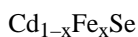
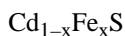
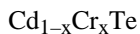
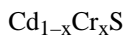
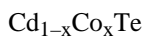
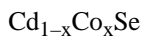
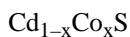
ZnS

ZnSe

ZnTe

I–VII compounds, general data

## II. Compounds with three elements



$\text{Pb}_{1-x}\text{Eu}_x\text{Se}$   
 $\text{Pb}_{1-x}\text{Eu}_x\text{Te}$   
 $\text{Pb}_{1-x}\text{Gd}_x\text{Te}$   
 $\text{Pb}_{1-x}\text{Mn}_x\text{S}$   
 $\text{Pb}_{1-x}\text{Mn}_x\text{Se}$   
 $\text{Pb}_{1-x}\text{Mn}_x\text{Te}$   
 $\text{Sn}_{1-x}\text{Gd}_x\text{Te}$   
 $\text{Sn}_{1-x}\text{Mn}_x\text{Te}$   
 $\text{Sr}_x\text{Ba}_{1-x}\text{O}$   
 $\text{Sr}_x\text{Ca}_{1-x}\text{O}$   
 $\text{Zn}_x\text{Cd}_{1-x}\text{O}$   
 $\text{Zn}_x\text{Cd}_{1-x}\text{S}$   
 $\text{Zn}_x\text{Cd}_{1-x}\text{Se}$   
 $\text{Zn}_x\text{Cd}_{1-x}\text{Te}$   
 $\text{Zn}_{1-x}\text{Co}_x\text{S}$   
 $\text{Zn}_{1-x}\text{Co}_x\text{Se}$   
 $\text{Zn}_{1-x}\text{Co}_x\text{Te}$   
 $\text{Zn}_{1-x}\text{Cr}_x\text{S}$   
 $\text{Zn}_{1-x}\text{Cr}_x\text{Se}$   
 $\text{Zn}_{1-x}\text{Cr}_x\text{Te}$   
 $\text{Zn}_{1-x}\text{Fe}_x\text{S}$   
 $\text{Zn}_{1-x}\text{Fe}_x\text{Se}$   
 $\text{Zn}_{1-x}\text{Fe}_x\text{Te}$   
 $\text{Zn}_x\text{Hg}_{1-x}\text{Se}$   
 $(\text{Zn}_{1-x}\text{Mn}_x)_3\text{As}_2$   
 $\text{Zn}_{1-x}\text{Mn}_x\text{S}$   
 $\text{Zn}_{1-x}\text{Mn}_x\text{Se}$   
 $\text{Zn}_{1-x}\text{Mn}_x\text{Te}$   
 $\text{Zn}_{1-x}\text{Ni}_x\text{S}$   
 $\text{Zn}_{1-x}\text{Ni}_x\text{Se}$   
 $\text{ZnS}_{1-x}\text{Se}_x$   
 $\text{ZnS}_{1-x}\text{Te}_x$   
 $\text{ZnSe}_x\text{Te}_{1-x}$

### III. Compounds with four elements

