

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

γ -CuBr

γ -CuCl

CuF

γ -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

$\text{Ca}_x\text{Ba}_{1-x}\text{S}$
 $\text{Cd}_x\text{Ca}_{1-x}\text{O}$
 $\text{Cd}_{1-x}\text{Co}_x\text{S}$
 $\text{Cd}_{1-x}\text{Co}_x\text{Se}$
 $\text{Cd}_{1-x}\text{Co}_x\text{Te}$
 $\text{Cd}_{1-x}\text{Cr}_x\text{S}$
 $\text{Cd}_{1-x}\text{Cr}_x\text{Te}$
 $\text{Cd}_{1-x}\text{Fe}_x\text{S}$
 $\text{Cd}_{1-x}\text{Fe}_x\text{Se}$
 $\text{Cd}_{1-x}\text{Fe}_x\text{Te}$
 $(\text{Cd}_{1-x}\text{Mn}_x)_3\text{As}_2$
 $\text{Cd}_{1-x}\text{Mn}_x\text{S}$
 $\text{Cd}_{1-x}\text{Mn}_x\text{Se}$
 $\text{Cd}_{1-x}\text{Mn}_x\text{Te}$
 $\text{Cd}_{1-x}\text{Ni}_x\text{Te}$
 $\text{CdS}_{1-x}\text{Se}_x$
 $\text{CdS}_{1-x}\text{Te}_x$
 $\text{CdSe}_x\text{Te}_{1-x}$
 $\text{Cd}_x\text{Sr}_{1-x}\text{O}$
 $\text{Ga}_{1-x}\text{Mn}_x\text{As}$
 $\text{Ge}_{1-x}\text{Mn}_x\text{Te}$
 $\text{Hg}_{1-x}\text{Cd}_x\text{Se}$
 $\text{Hg}_{1-x}\text{Cd}_x\text{Te}$
 $\text{Hg}_{1-x}\text{Co}_x\text{Se}$
 $\text{Hg}_{1-x}\text{Cr}_x\text{Se}$
 $\text{Hg}_{1-x}\text{Fe}_x\text{S}$
 $\text{Hg}_{1-x}\text{Fe}_x\text{Se}$
 $\text{Hg}_{1-x}\text{Fe}_x\text{Te}$
 $\text{Hg}_{1-x}\text{Mn}_x\text{S}$
 $\text{Hg}_{1-x}\text{Mn}_x\text{Se}$
 $\text{Hg}_{1-x}\text{Mn}_x\text{Te}$
 $\text{Hg}_{1-x}\text{Zn}_x\text{Te}$
 $\text{In}_{1-x}\text{Mn}_x\text{As}$
 $\text{Mg}_x\text{Ca}_{1-x}\text{O}$
 $\text{Pb}_{1-x}\text{Eu}_x\text{S}$

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

III. Compounds with four elements

