Fig. 1

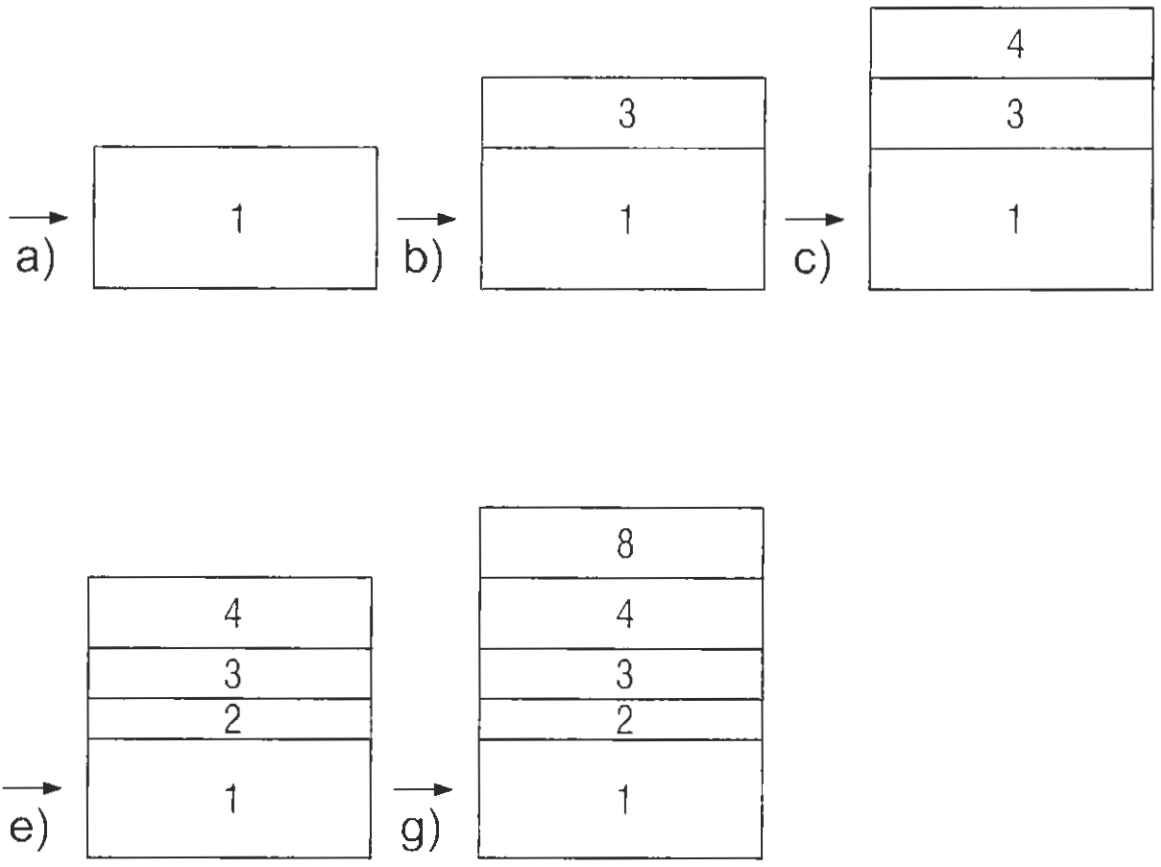


Fig. 2

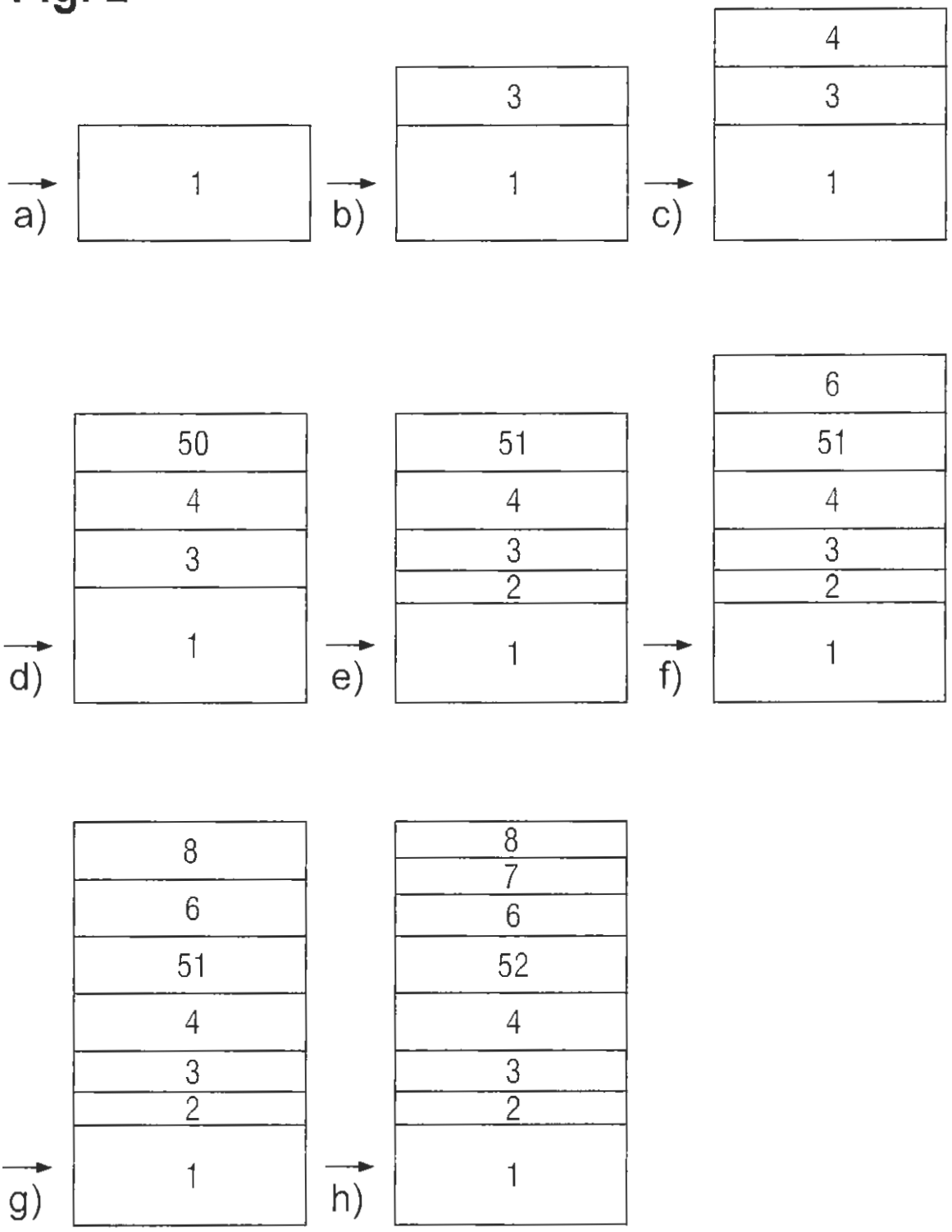


Fig. 3

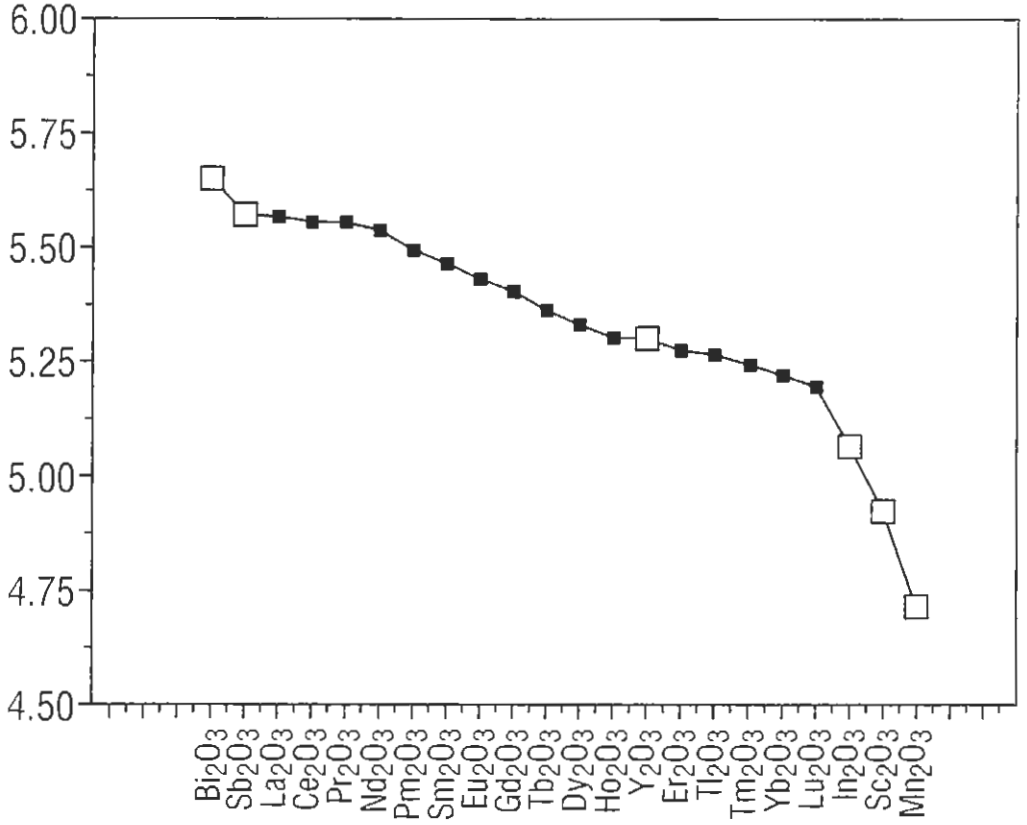

6.00
5.75
5.50
5.25
5.00
4.75
4.50
Bi_2O_3
Sb_2O_3
La_2O_3
Ce_2O_3
Pr_2O_3
Nd_2O_3
Pm_2O_3
Sm_2O_3
Eu_2O_3
Gd_2O_3
Tb_2O_3
Dy_2O_3
Ho_2O_3
Y_2O_3
Er_2O_3
Tl_2O_3
Tm_2O_3
Yb_2O_3
Lu_2O_3
In_2O_3
Sc_2O_3
Mn_2O_3

Fig. 4

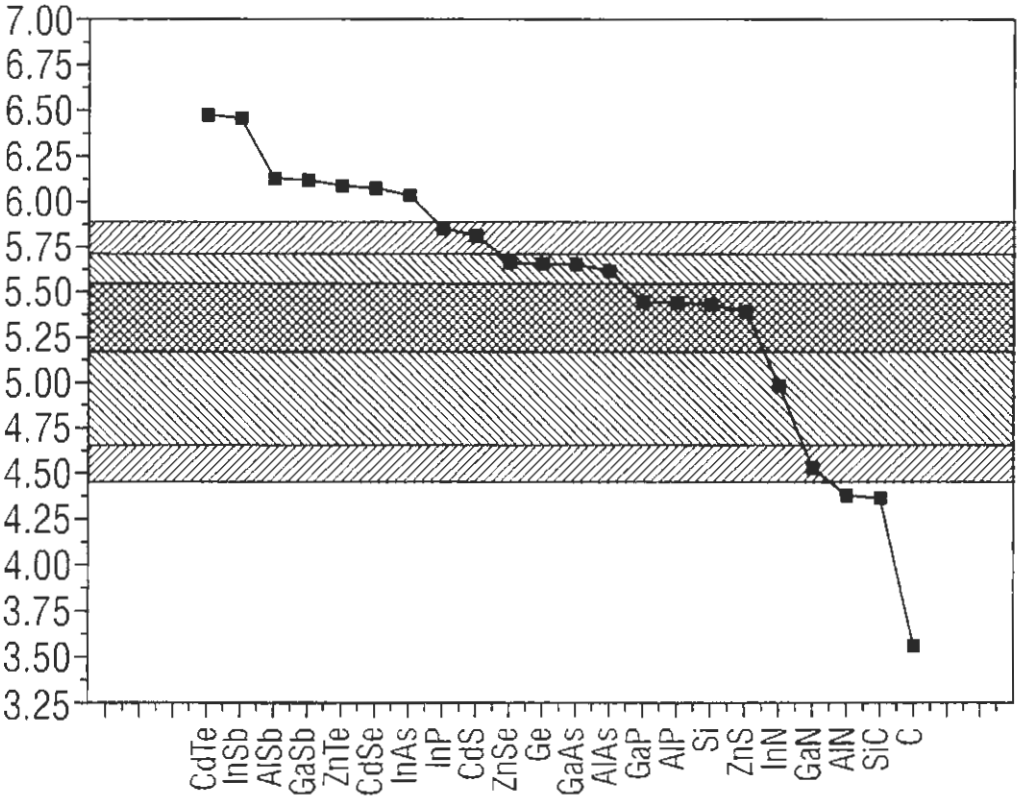

7.00
6.75
6.50
6.25
6.00
5.75
5.50
5.25
5.00
4.75
4.50
4.25
4.00
3.75
3.50
3.25
CdTe
InSb
AlSb
GaSb
ZnTe
CdSe
InAs
InP
CdS
ZnSe
Ge
GaAs
AlAs
GaP
AlP
Si
ZnS
InN
GaN
AlN
SiC
C

Fig. 5

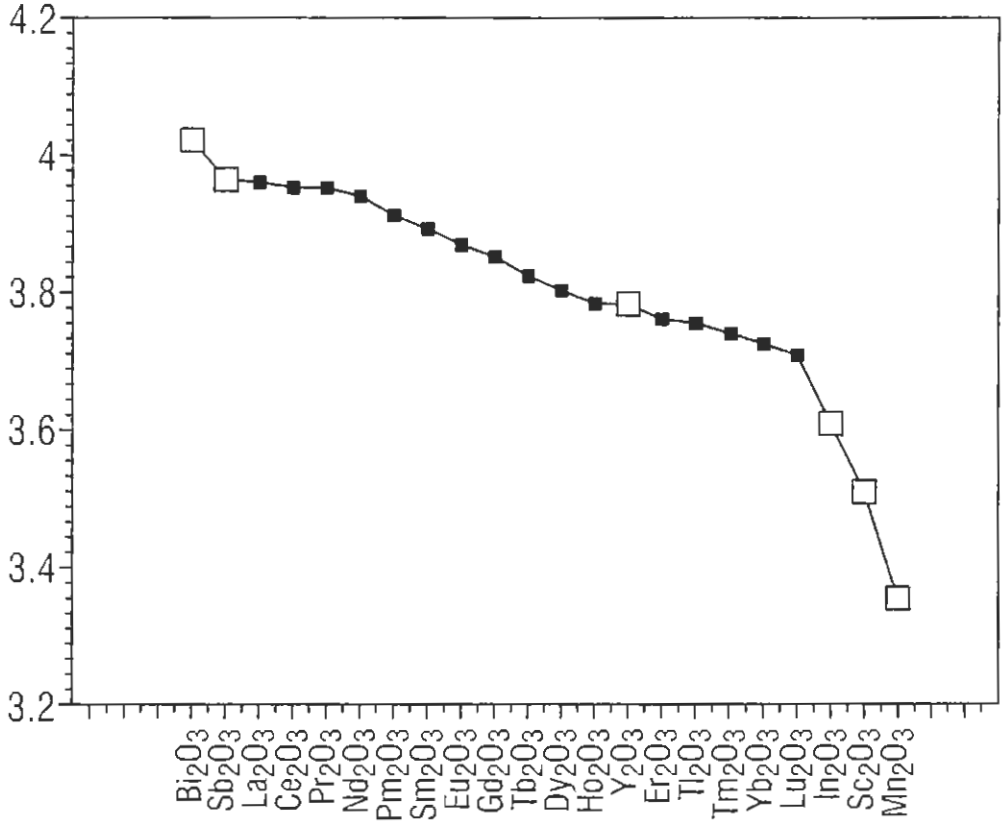
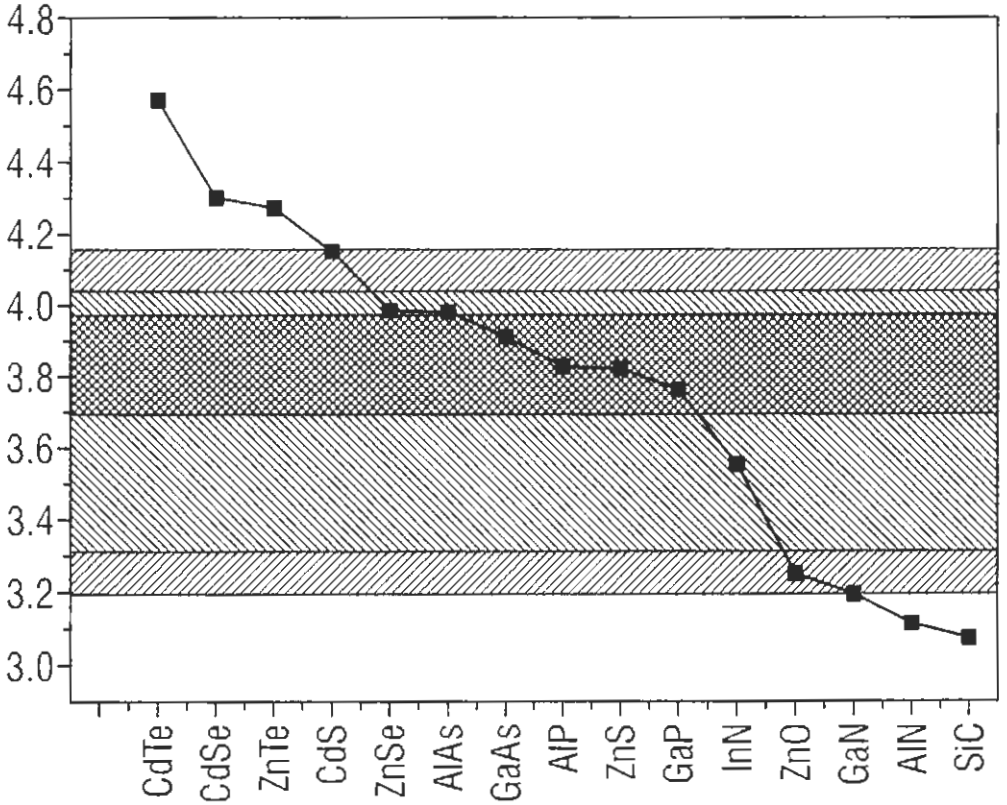

4.2
4
3.8
3.6
3.4
3.2
Bi_2O_3
Sb_2O_3
La_2O_3
Ce_2O_3
Pr_2O_3
Nd_2O_3
Pm_2O_3
Sm_2O_3
Eu_2O_3
Gd_2O_3
Tb_2O_3
Dy_2O_3
Ho_2O_3
Y_2O_3
Er_2O_3
Tl_2O_3
Tm_2O_3
Yb_2O_3
Lu_2O_3
In_2O_3
Sc_2O_3
Mn_2O_3

Fig. 6


4.8
4.6
4.4
4.2
4.0
3.8
3.6
3.4
3.2
3.0
CdTe
CdSe
ZnTe
CdS
ZnSe
AlAs
GaAs
AlP
ZnS
GaP
InN
ZnO
GaN
AlN
SiC