

AgGa(S_{1-x}Se_x)₂ 固溶体的电子结构和光学性质

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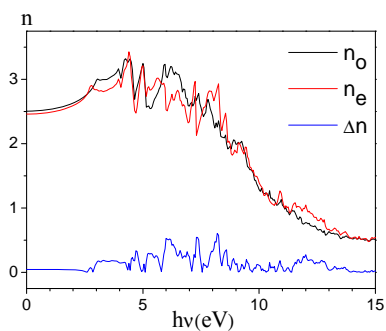
Electronic Structures and Optical Properties of AgGa(S_{1-x}Se_x)₂ Solid Solutions

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 HUANG Xin¹ ZHANG Yong-Fan^{1,*}

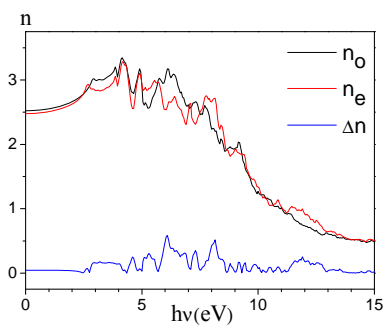
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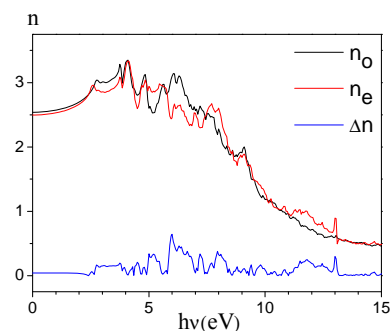
1 不同组成 $\text{AgGa}(\text{S}_{1-x}\text{Se}_x)_2$ 固溶体折射率(n)和双折射率(Δn)的变化曲线



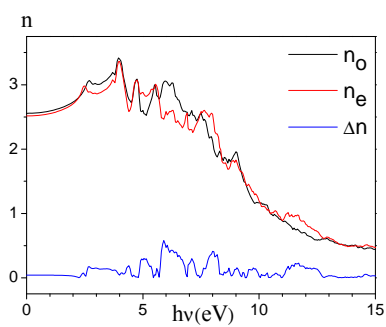
(a) $x=0$



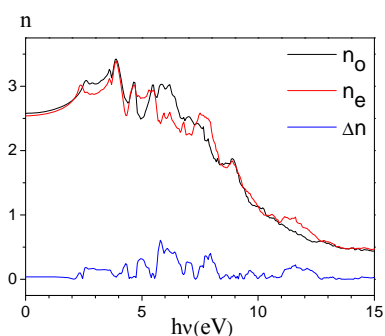
(b) $x=0.125$



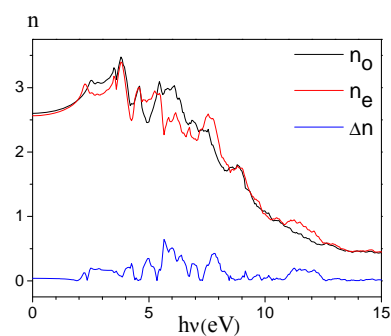
(c) $x=0.25$



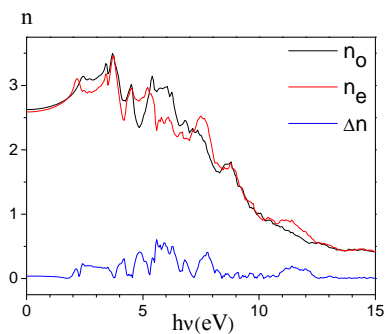
(d) $x=0.375$



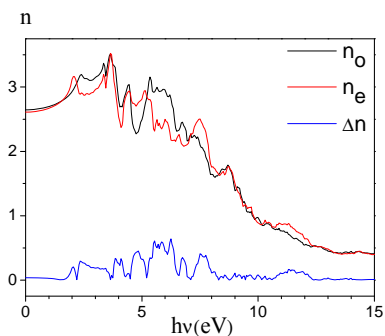
(e) $x=0.5$



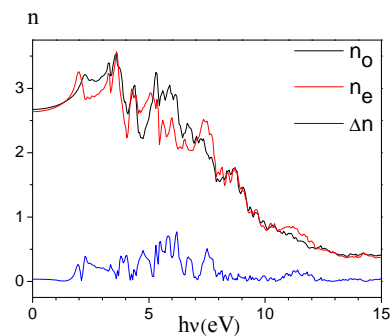
(f) $x=0.625$



(g) $x=0.75$

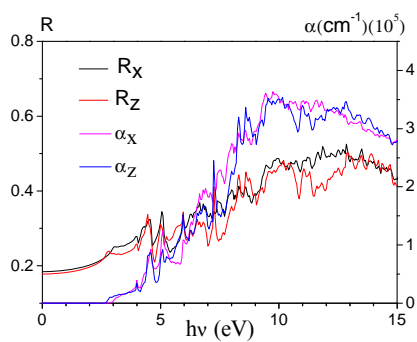


(h) $x=0.875$

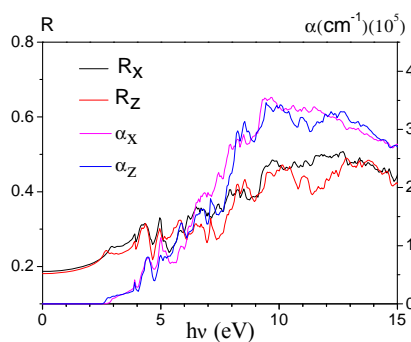


(i) $x=1$

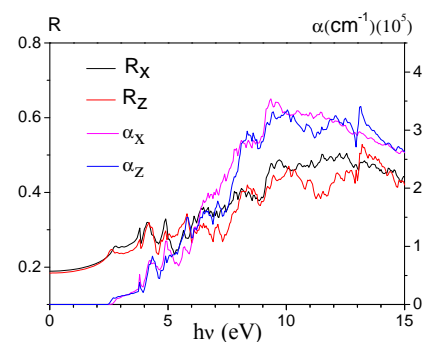
2 不同组成 $\text{AgGa}(\text{S}_{1-x}\text{Se}_x)_2$ 固溶体反射率(R)和吸收系数(α)的变化曲线



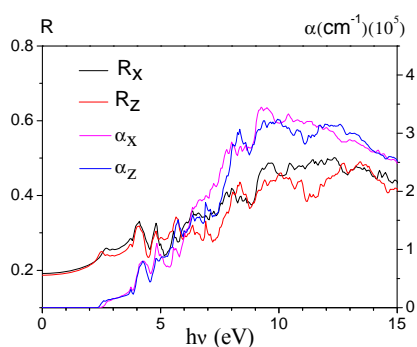
(a) $x=0$



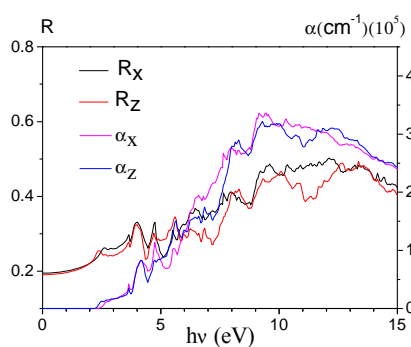
(b) $x=0.125$



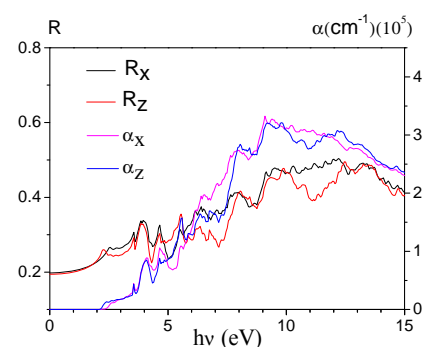
(c) $x=0.25$



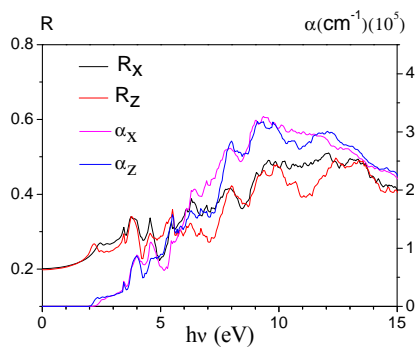
(d) $x=0.375$



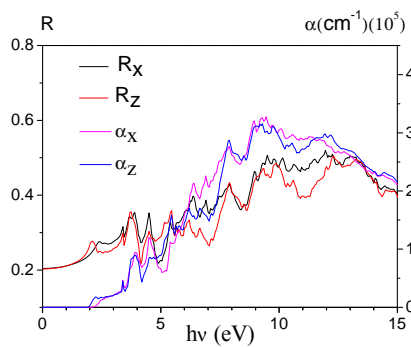
(e) $x=0.5$



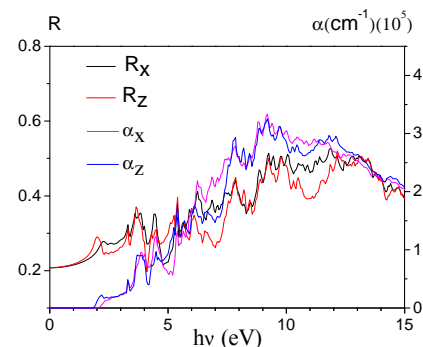
(f) $x=0.625$



(g) $x=0.75$



(h) $x=0.875$



(i) $x=1$

3 不同组成 $\text{AgGa}(\text{S}_{1-x}\text{Se}_x)_2$ 固熔体倍频系数 d_{36} 随能量的变化曲线

