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\neq $\frac{1}{2} \Delta E_{\text{ex}} / \text{eV}$

III. FORMATION ENTHALPIES OF RANDOM AND ORDERED CaO-MgO AND CaCO₃-MgCO₃

The formation enthalpies of random and ordered CaO-MgO and CaCO₃-MgCO₃ are calculated using the following equations:

$$\Delta E_{\text{ex}} = \sum_i f_i \Delta E_i$$

where f_i is the fraction of the i th species and ΔE_i is the formation enthalpy of the i th species.

The formation enthalpy of the random CaO-MgO is calculated as follows:

$$\Delta E_{\text{ex}} = \sum_i f_i \Delta E_i$$

The formation enthalpy of the ordered CaO-MgO is calculated as follows:

$$\Delta E_{\text{ex}} = \sum_i f_i \Delta E_i$$

The formation enthalpy of the random CaCO₃-MgCO₃ is calculated as follows:

$$\Delta E_{\text{ex}} = \sum_i f_i \Delta E_i$$

The formation enthalpy of the ordered CaCO₃-MgCO₃ is calculated as follows:

$$\Delta E_{\text{ex}} = \sum_i f_i \Delta E_i$$

VII. CONCLUSIONS

$A B$
 ΔE
 ΔE
 $A B$
 $\%$
 $[\dots]$
 ΔE

ΔE
 ΔE

ACKNOWLEDGMENTS

ΔE
 ΔE

$27 \dots (\dots)$
 $C \dots$
 $119 \dots (\dots)$
 $A \dots$
 $E \dots (\dots)$
 $1 \dots (\dots)$
 $64 \dots (\dots)$
 $46 \dots$
 (\dots)
 $4 \dots (\dots)$
 $18 \dots$
 (\dots)
 $93 \dots$
 (\dots)
 $A B$
 $(A) / (B)$
 $46 \dots (\dots)$
 $62 \dots (\dots)$
 $59 \dots (\dots)$
 $72 \dots (\dots)$
 $84 \dots (\dots)$
 $42 \dots (\dots)$
 $69 \dots (\dots)$

31e
 38e
 37e
 65e

D... F...
 45e
 84e
 8e